

TEST REPORT

Application No.: SZEM2508008283AU

Applicant: Foshan Alpicool Holding Group Co., Ltd.

Address of Applicant: No.3, ZhenZhu Road, Yang'e, Lunjiao, Shunde, Foshan, Guangdong, China

Manufacturer: Foshan Alpicool Holding Group Co., Ltd.

Address of Manufacturer: No.3, ZhenZhu Road, Yang'e, Lunjiao, Shunde, Foshan, Guangdong, China

Factory: Foshan Alpicool Holding Group Co., Ltd.

Address of Factory: No.3, ZhenZhu Road, Yang'e, Lunjiao, Shunde, Foshan, Guangdong, China

Equipment Under Test (EUT):

EUT Name: DC compressor fridge

Model No.: D20, DM20, D25, D30, DM30, DA30, DM30-P, CR40, CR40S, CR40X, R40, R40M, CR40X-S, R40M-S, R40S, CR50, R50, CR50X, CR50S, R50M, CR50X-S, R50S, R50M-S, CR65S, CR65X-S, CR65X, R65, CR65, DR80, JC80, R80, CR80, R85S, CR85X-S, R85, CR85X, R90, CR90, R90M, R90S, CR90X-S, CR90S, R90M-S, CR90X, CR130, CR130S ♣

♣ Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.

Trade Mark:  Alpicool, WE MAKE YOU FEEL COOL

Standard(s): ECE R10.06 supplement 03

Date of Receipt: 2025-08-29

Date of Test: 2025-09-04 to 2025-09-09

Date of Issue: 2025-11-18

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.


Keny Xu
EMC Laboratory Manager



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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2025-11-18		Original

Authorized for issue by:				
		<i>Luke Wang</i>		
		Luke Wang/Project Engineer		
		<i>Eric Fu</i>		
		Eric Fu/Reviewer		



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2 Test Summary

Emission Part				
Item	Standard	Method	Requirement	Result
Radiated Emission(30MHz-1GHz)	ECE R10.06 supplement 03	CISPR 25:2002	Clause 6.5 & 6.6 of R10-06	Pass
Conducted transient disturbances		ISO 7637-2:2004	Clause 6.7 of R10-06	Pass

Immunity Part				
Item	Standard	Method	Requirement	Result
Conducted transient immunity	ECE R10.06 supplement 03	ISO 7637-2:2004	Clause 6.9 of R10-06	Pass

Declaration of EUT Family Grouping:

Model No.: D20, DM20, D25, D30, DM30, DA30,DM30-P, CR40, CR40S, CR40X, R40, R40M, CR40X-S, R40M-S, R40S, CR50, R50, CR50X, CR50S, R50M, CR50X-S, R50S, R50M-S, CR65S, CR65X-S, CR65X, R65, CR65,DR80, JC80, R80, CR80, R85S, CR85X-S, R85, CR85X, R90, CR90, R90M, R90S, CR90X-S, CR90S, R90M-S, CR90X, CR130, CR130S,

A total of five schemes were tested, including models CR50X, CR65, CR90X, and CR90 (See Table 1 for detailed test model configurations). since according to the declaration from the applicant, the equipment under test (EUT) has multiple matching schemes. Apart from differences in appearance, color, model, and capacity, The detailed information of each matching scheme is shown in Table 2.



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Table 1: test configuration

Mode	compressor	Volume	power board	display board	Hall Effect Light Switch Board	LED PCB	Fan	Size (mm)
CR50X	ZH35Y	43.4L	power board 3	display board 3	switch board 1	LED 1	BT-D12025 H12M	380*477*532
CR65	DC43Y	58.4L	power board 1	display board 1	switch board 1	LED 1	BT-D12025 H12M	470*431*630
CR65	BSA02 5LCVV	58.4L	power board 2	display board 2	switch board 2	LED 1	BT-D12025 H12M	470*431*630
CR90	BSA05 7NCVV	92.9L	power board 5	display board 5	switch board 1	LED 1	BT-D12025 H12M	418*468*976
CR90X	ZH52Y	92.9L	power board 4	display board 4	switch board 2	LED 1	BT-D12025 H12M	418*468*976



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Table 2. configuration scheme

Mode	compressor	Volume	power board	display board	Hall Effect Light Switch Board	LED PCB	Fan	Size (mm)
D20	ZH35Y, DC43Y, BSA025 LCVV, BSA057 NCVV	14.5L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT-D12025 H12M	440*555* 250
DM20		14.5L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT-D12025 H12M	440*555* 250
D25		14.5L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT-D12025 H12M	440*555* 250
D30		25.7L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT-D12025 H12M	440*700* 250
DM30		25.7L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT-D12025 H12M	440*700* 250
DA30		25.7L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT-D12025 H12M	440*700* 250
DM30-P		25.7L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT-D12025 H12M	527*612* 250
R40		34.8L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT-D12025 H12M	380*544* 532
R40M		34.9L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT-D12025 H12M	380*544* 532
R40M-S		34.9L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT-D12025 H12M	380*544* 532
R40S		34.8L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT-D12025 H12M	380*544* 532



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CR40	35.4L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*544* 532
CR40S	35.4L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*544* 532
CR40X	35.4L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*544* 532
CR40X-S	35.4L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*544* 532
R50	42.8L	power board 1 power board 2 power board 5	display board 1, display board 2, display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*482* 532
R50S	42.8L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*482* 532
R50M	42.9L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*477* 532
R50M-S	42.9L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*477* 532
CR50	43.8L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*500* 532
CR50S	43.8L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*500* 532
CR50X	43.4L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*477* 532
CR50X-S	43.4L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	380*477* 532
R65	42.8L	power board 1 power board 2 power board 5	display board 1, display board 2, display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	470*431* 630



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CR65		58.4L	power board 1 power board 2	display board 1 display board 2	switch board 1 switch board 2	LED 1	BT- D12025 H12M	470*431* 630
CR65S		58.4L	power board 1 power board 2 power board 5	display board 1, display board 2, display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	470*431* 630
CR65X		58.4L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	470*431* 630
CR65X-S		58.4L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	470*431* 630
R80	ZH52Y, BSA025 LCVV, BSA057 NCVV	78L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	456*500* 830
CR80		78L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	456*500* 830
DR80		79.8L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	456*500* 830
JC80		78L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	456*500* 830
R85		83.4L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	485*459* 790
R85S		83.4L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	485*459* 790
CR85X		83.2	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	485*453* 790
CR85X-S		83.2L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	485*453* 790
R90		92.9L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	418*468* 976



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R90S		92. 9L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	418*468* 976
R90M		92.9L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	418*468* 976
R90M-S		92.9L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	418*468* 976
CR90		92.9L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	418*468* 976
CR90S		92.9L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	418*468* 976
CR90X		92.9L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	418*468* 976
CR90X-S		92.9L	power board 3 power board 4	display board 3 display board 4	switch board 1 switch board 2	LED 1	BT- D12025 H12M	418*468* 976
CR130	ZH35Y, DC43Y, BSA025	116.8L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	470*431* 1260
CR130S	LCVV, BSA057 NCVV	116.8L	power board 1 power board 2 power board 5	display board 1 display board 2 display board 5	switch board 1 switch board 2	LED 1	BT- D12025 H12M	470*431* 1260



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中国·深圳·宝安区福永街道新田社区凤塘大道50号鑫龙科技工业园A栋105室 邮编: 518103 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4 General Information

4.1 Details of E.U.T.

Power supply:	DC12/24V
Test Voltage:	DC13.5V/27V

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
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The EUT has been tested as an independent unit.

4.3 Measurement Uncertainty

Test Item	Measurement Uncertainty
Radiated Emission(30MHz-1GHz)	±4.5dB

Remark:

The U_{lab} (lab Uncertainty) is less than $U_{CISPR/ETSI}$ (CISPR/ETSI Uncertainty), so the test results

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

Room 105, Building A, Xinlong Technology Industrial Park, No. 50 Fengtang Road, Xintian Community, Fuyong Street, Bao'an District, Shenzhen, China

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

4.5 Deviation from Standards

None

4.6 Abnormalities from Standard Conditions

None

4.7 EMS Monitor

Visual: Observe the working status of EUT with naked eyes



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5 Equipment List

Radiated Emission(30MHz-1GHz)					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
764 Anechoic Chamber	CRT	N/A	SEM001-12	2022-10-15	2025-10-14
Measurement Software	Jin Dong	JD-EMI-JGQC V7.6.5.4	N/A	N/A	N/A
Coaxial Cable	SGS	N/A	SEM034-01	2025-05-13	2026-05-12
Biconical Antenna	Schwarzebeck	VHBB9124	SEM003-27	2025-08-27	2026-08-26
Log.-Per. Antenna	Schwarzebeck	VUSLP9111B	SEM003-28	2025-08-27	2026-08-26
Amplifier	Sonoma Instrument Co	310N	SEM005-03	2025-03-06	2026-03-05
EMI Test Receiver	Rohde & Schwarz	ESW 8	SEM004-28	2025-05-22	2026-05-21
LISN	Schwarzebeck	NNBM8124-200	SEM007-20	2025-07-21	2026-07-20
LISN	Schwarzebeck	NNBM8124-200	SEM007-21	2025-07-21	2026-07-20

Conducted transient disturbances					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Switch	EM TEST	BS 200B	SEM018-07	2025-07-21	2026-07-20
LISN	Schwarzebeck	NNBM8124-200	SEM007-21	2025-07-21	2026-07-20
Oscilloscope	Tektronix	MSO 4104	SEM022-02	2025-07-24	2026-07-23
Ultra Compact Simulator	EM Test	UCS 200 M	SEM018-08	2025-03-06	2026-03-05
Voltage Drop Generator	EM Test/AG	VDS 200 B2	SEM018-09	2025-03-06	2026-03-05

Conducted transient immunity					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Ultra Compact Simulator	EM Test	UCS 200 M	SEM018-08	2025-03-06	2026-03-05
Voltage Drop Generator	EM Test/AG	VDS 200 B2	SEM018-09	2025-03-06	2026-03-05
Oscilloscope	Tektronix	MSO 4104	SEM022-02	2025-07-24	2026-07-23
Measurement Software	EM Test/AG	ISMISO V4.21	N/A	N/A	N/A



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General used equipment					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Humidity/ Temperature Indicator	deli	8838	SEM002-48	2025-07-24	2026-07-23
Humidity/ Temperature Indicator	deli	8838	SEM002-49	2025-07-24	2026-07-23
Humidity/ Temperature Indicator	deli	8838	SEM002-50	2025-07-24	2026-07-23
Barometer	DUMAI	DYM3	SEM002-24	2025-07-25	2026-07-24



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E24*10RQ6/03*7613*00

6 Emission Test Results

6.1 Radiated Emission(30MHz-1GHz)

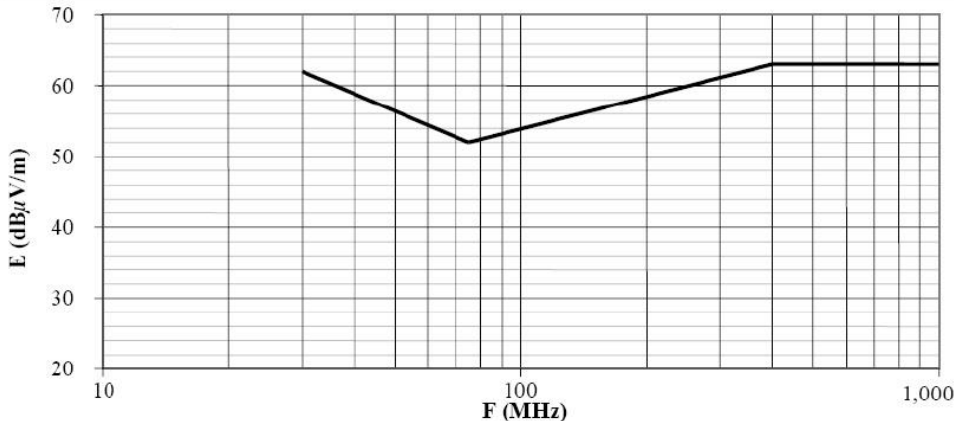
Test Requirement: ECE R10.06

Test Method: CISPR 25:2002

Limit:

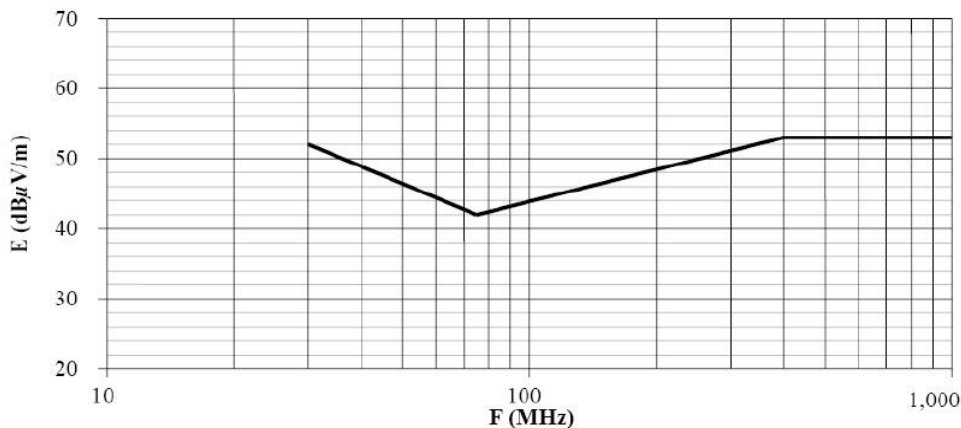
Radiated Emission (Broadband Type) Limit for ESA

Limit E (dBμV/m) at Frequency F (MHz)		
30-75MHz	75-400MHz	400-1,000MHz
$E = 62 - 25.13 \log (F/30)$	$E = 52 + 15.13 \log (F/75)$	$E = 63$



Radiated Emission (Narrowband Type) Limit for ESA

Limit E (dBμV/m) at Frequency F (MHz)		
30-75MHz	75-400MHz	400-1,000MHz
$E = 52 - 25.13 \log (F/30)$	$E = 42 + 15.13 \log (F/75)$	$E = 53$



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6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C Humidity: 51 % RH Atmospheric Pressure: 1020 mbar

6.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	1#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR50X)
Pre-scan	01	1#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR50X)
Pre-scan	02	1#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR50X)
Final test	03	1#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR50X)
Final test	04	2#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Pre-scan	05	2#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR65)
Final test	06	2#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Pre-scan	07	2#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Pre-scan	08	3#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Final test	09	3#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR65)
Final test	10	3#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Pre-scan	11	3#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Final test	12	4#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90)
Pre-scan	13	4#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR90)
Final test	14	4#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90)
Pre-scan	15	4#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90)
Final test	16	5#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90X)
Pre-scan	17	5#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR90X)
Final test	18	5#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90X)



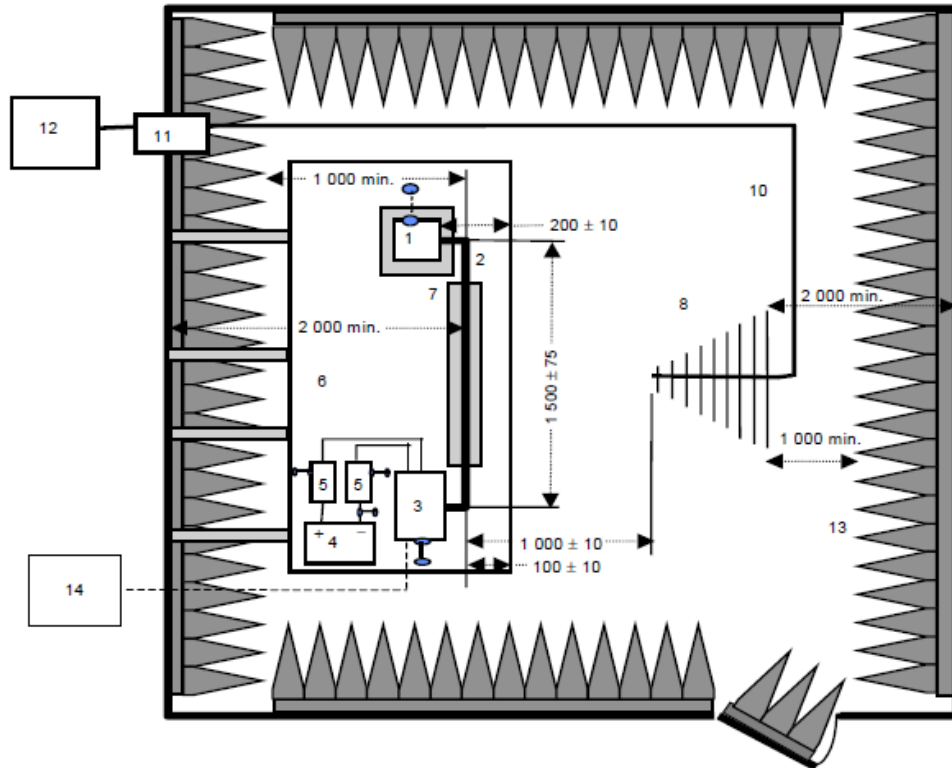
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Pre-scan	19	5#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90X)
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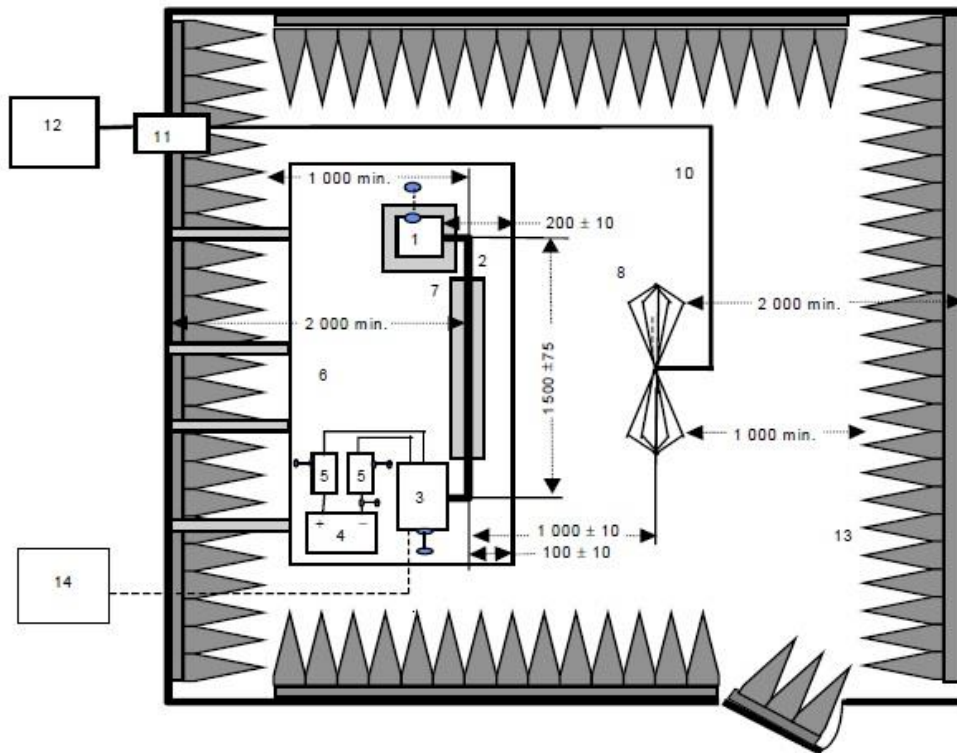
6.1.3 Test Setup Diagram



Key

1. EUT (grounded locally if required in test plan)	8. Log-periodic antenna
2. Test harness	10. High-quality coaxial cable
3. Load simulator	11. Bulkhead connector
4. Power supply (location optional)	12. Measuring instrument
5. Artificial network (AN)	13. RF absorber material
6. Ground plane (bonded to shielded enclosure)	14. Stimulation and monitoring system
7. Low relative permittivity support	

Figure – Example of test set-up – Log-periodic antenna



Key

1. EUT (grounded locally if required in test plan)	8. Biconical antenna
2. Test harness	10. High-quality coaxial cable
3. Load simulator	11. Bulkhead connector
4. Power supply (location optional)	12. Measuring instrument
5. Artificial network (AN)	13. RF absorber material
6. Ground plane (bonded to shielded enclosure)	14. Stimulation and monitoring system
7. Low relative permittivity support	

Figure – Example of test set-up – Biconical antenna

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6.1.4 Measurement Procedure and Data

Frequency Range:30MHz-1GHz

Sample No.	Test Frequency (MHz)	Test Mode	Test Position	Margin (dB)	Min Margin Frequency (MHz)	Result	Record No.	Remark
1#	30 - 200	00	Vertical	15.55	127.86	Pass	1	
1#	30 - 200	00	Horizontal	9.81	63.93	Pass	2	
1#	200 - 1000	00	Horizontal	17.37	303.83	Pass	3	
1#	200 - 1000	00	Vertical	13.71	271.79	Pass	4	
1#	30 - 200	03	Horizontal	9.89	63.93	Pass	5	
1#	30 - 200	03	Vertical	16.18	159.81	Pass	6	
1#	200 - 1000	03	Vertical	14.35	271.88	Pass	7	
1#	200 - 1000	03	Horizontal	16.61	303.62	Pass	8	
2#	30 - 200	04	Horizontal	14.42	63.96	Pass	9	
2#	30 - 200	04	Vertical	15.17	127.95	Pass	10	
2#	200 - 1000	04	Vertical	22.78	368.03	Pass	11	
2#	200 - 1000	04	Horizontal	20.82	336.02	Pass	12	
2#	30 - 200	06	Vertical	16.6	127.95	Pass	13	
2#	30 - 200	06	Horizontal	14.29	63.96	Pass	14	
2#	200 - 1000	06	Horizontal	21.85	336.02	Pass	15	
2#	200 - 1000	06	Vertical	25.11	368.09	Pass	16	
3#	30 - 200	09	Vertical	32.52	128.01	Pass	17	
3#	30 - 200	09	Horizontal	24.93	74.85	Pass	18	
3#	200 - 1000	09	Horizontal	24.78	352.01	Pass	19	
3#	200 - 1000	09	Vertical	29.42	905.6	Pass	20	



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3#	30 - 200	10	Horizontal	20.29	75	Pass	21	
3#	30 - 200	10	Vertical	27.39	75	Pass	22	
3#	200 - 1000	10	Vertical	30.53	906.68	Pass	23	
3#	200 - 1000	10	Horizontal	28.44	352.01	Pass	24	
4#	30 - 200	12	Vertical	30.06	112.05	Pass	25	
4#	30 - 200	12	Horizontal	19.9	64.02	Pass	26	
4#	200 - 1000	12	Horizontal	1.85	240.56	Pass	27	
4#	200 - 1000	12	Vertical	10.18	240.56	Pass	28	
4#	30 - 200	14	Horizontal	9.28	64.02	Pass	29	
4#	30 - 200	14	Vertical	18.61	112.05	Pass	30	
4#	200 - 1000	14	Vertical	9.9	240.47	Pass	31	
4#	200 - 1000	14	Horizontal	1.11	240.5	Pass	32	
5#	30 - 200	16	Horizontal	2.62	64.11	Pass	33	
5#	30 - 200	16	Vertical	14.32	64.14	Pass	34	
5#	200 - 1000	16	Vertical	11.42	272.45	Pass	35	
5#	200 - 1000	16	Horizontal	18.5	240.38	Pass	36	
5#	30 - 200	18	Vertical	14.71	64.11	Pass	37	
5#	30 - 200	18	Horizontal	2.48	64.11	Pass	38	
5#	200 - 1000	18	Horizontal	19.29	240.41	Pass	39	
5#	200 - 1000	18	Vertical	11.29	272.48	Pass	40	
Test Result: ☒ Pass ☐ Fail								



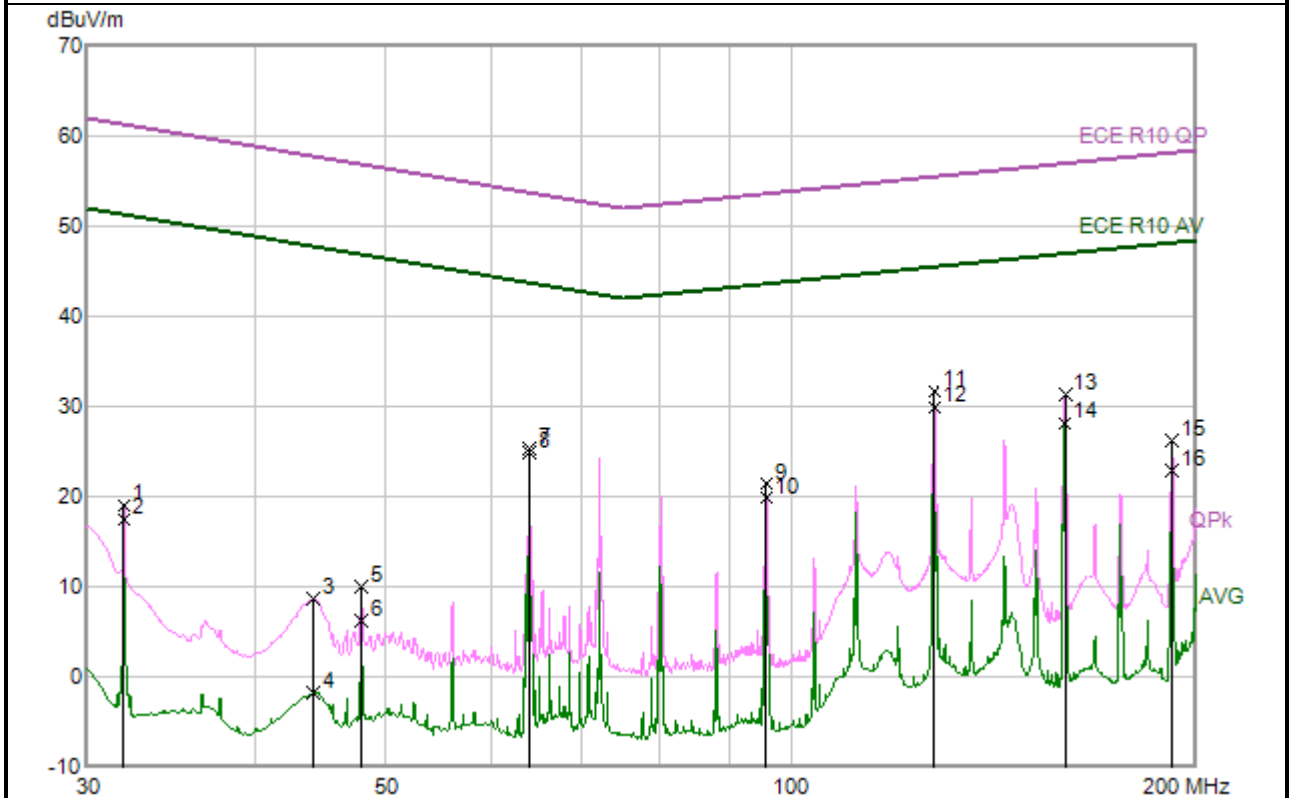
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1) Record No. 1 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



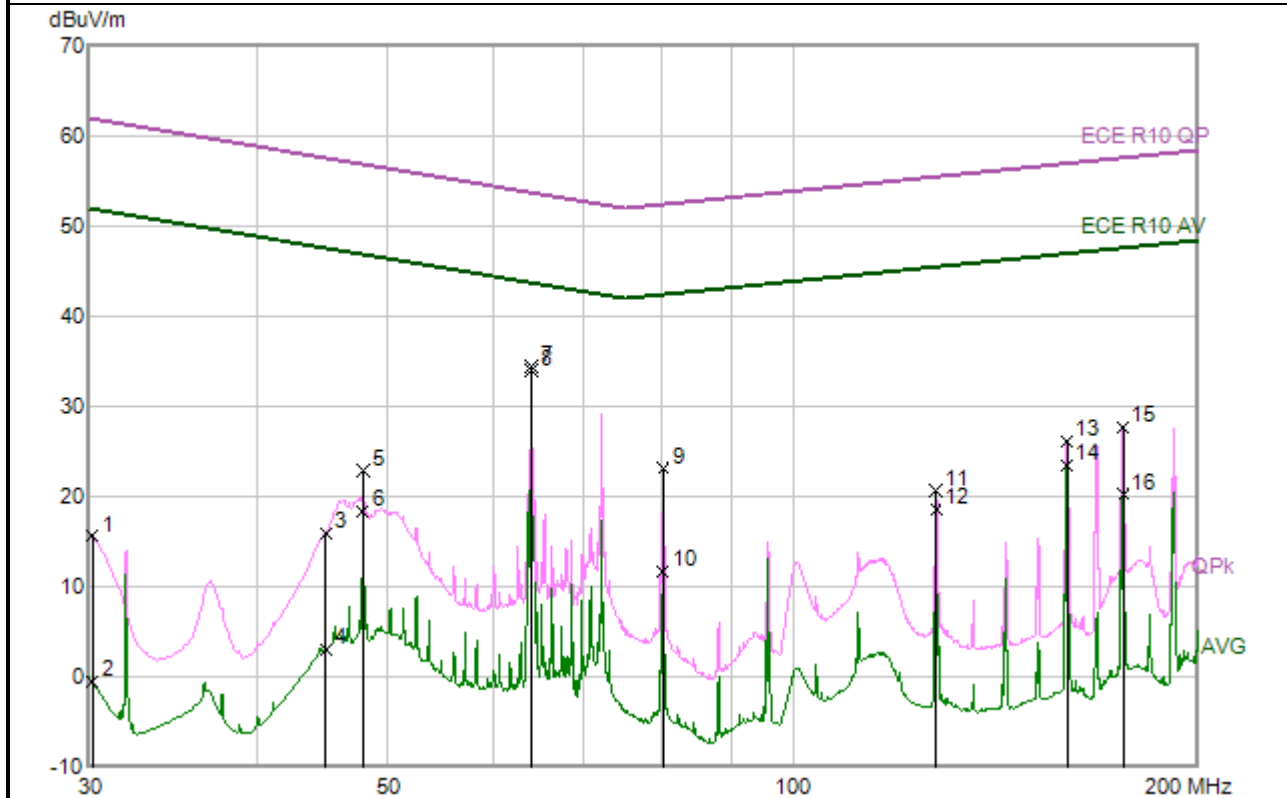
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.95	39.46	-20.4	19.06	61.31	42.25	QP
2	31.95	37.9	-20.4	17.5	51.31	33.81	AVG
3	44.19	28.91	-20.18	8.73	57.77	49.04	QP
4	44.19	18.41	-20.18	-1.77	47.77	49.54	AVG
5	47.94	30.41	-20.36	10.05	56.88	46.83	QP
6	47.94	26.6	-20.36	6.24	46.88	40.64	AVG
7	63.93	46.76	-21.42	25.34	53.74	28.4	QP
8	63.93	46.23	-21.42	24.81	43.74	18.93	AVG
9	95.91	42.93	-21.55	21.38	53.62	32.24	QP
10	95.91	41.4	-21.55	19.85	43.62	23.77	AVG
11	127.86	50.81	-19.06	31.75	55.51	23.76	QP
12	127.86	49.02	-19.06	29.96	45.51	15.55	AVG
13	159.84	48.71	-17.37	31.34	56.97	25.63	QP
14	159.84	45.49	-17.37	28.12	46.97	18.85	AVG
15	191.94	42.02	-15.7	26.32	58.17	31.85	QP
16	191.94	38.56	-15.7	22.86	48.17	25.31	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



2) Record No. 2 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



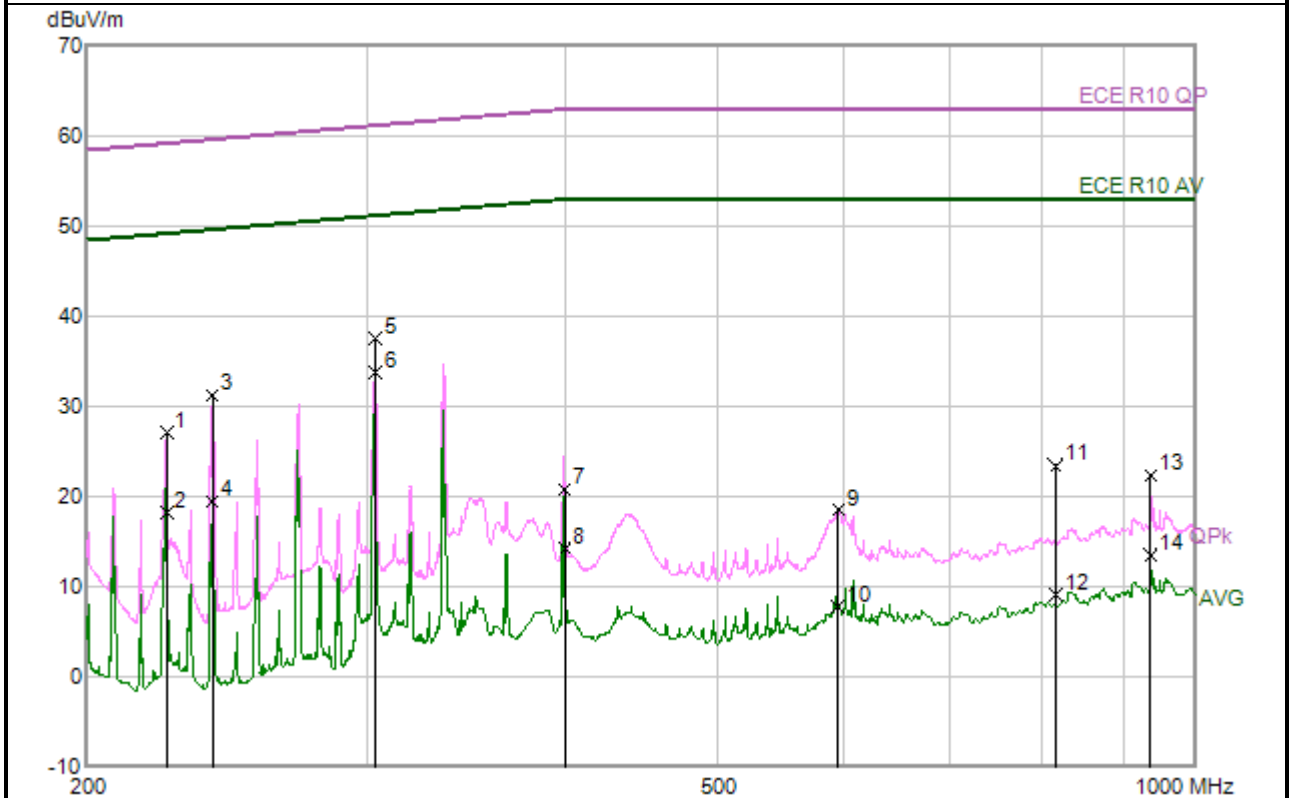
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.18	36.29	-20.64	15.65	61.93	46.28	QP
2	30.18	20.11	-20.64	-0.53	51.93	52.46	AVG
3	45	36.1	-20.18	15.92	57.57	41.65	QP
4	45	23.19	-20.18	3.01	47.57	44.56	AVG
5	47.94	43.2	-20.36	22.84	56.88	34.04	QP
6	47.94	38.71	-20.36	18.35	46.88	28.53	AVG
7	63.93	55.89	-21.42	34.47	53.74	19.27	QP
8	63.93	55.35	-21.42	33.93	43.74	9.81	AVG
9	80.1	44.93	-21.74	23.19	52.43	29.24	QP
10	80.1	33.46	-21.74	11.72	42.43	30.71	AVG
11	127.86	39.75	-19.06	20.69	55.51	34.82	QP
12	127.86	37.71	-19.06	18.65	45.51	26.86	AVG
13	159.84	43.52	-17.37	26.15	56.97	30.82	QP
14	159.84	40.82	-17.37	23.45	46.97	23.52	AVG
15	175.95	44.35	-16.64	27.71	57.6	29.89	QP
16	175.95	36.9	-16.64	20.26	47.6	27.34	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



3) Record No. 3 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



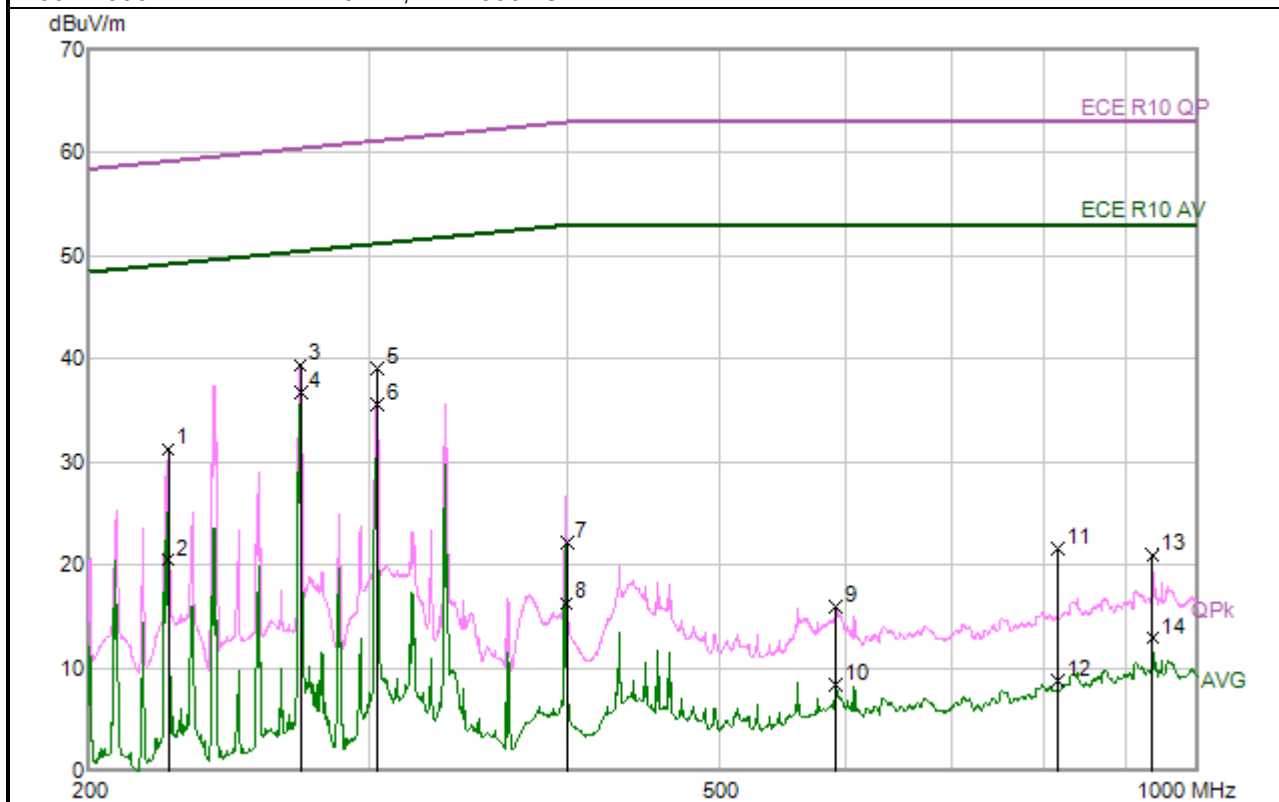
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	224.45	43.44	-16.32	27.12	59.2	32.08	QP
2	224.45	34.57	-16.32	18.25	49.2	30.95	AVG
3	239.93	47.42	-16.19	31.23	59.64	28.41	QP
4	239.93	35.7	-16.19	19.51	49.64	30.13	AVG
5	303.83	51.88	-14.39	37.49	61.19	23.7	QP
6	303.83	48.21	-14.39	33.82	51.19	17.37	AVG
7	399.98	33.25	-12.42	20.83	63	42.17	QP
8	399.98	26.68	-12.42	14.26	53	38.74	AVG
9	595.22	27.5	-9.02	18.48	63	44.52	QP
10	595.22	16.81	-9.02	7.79	53	45.21	AVG
11	815.99	29.5	-6.05	23.45	63	39.55	QP
12	815.99	15.22	-6.05	9.17	53	43.83	AVG
13	936.59	26.56	-4.12	22.44	63	40.56	QP
14	936.59	17.68	-4.12	13.56	53	39.44	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



4) Record No. 4 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



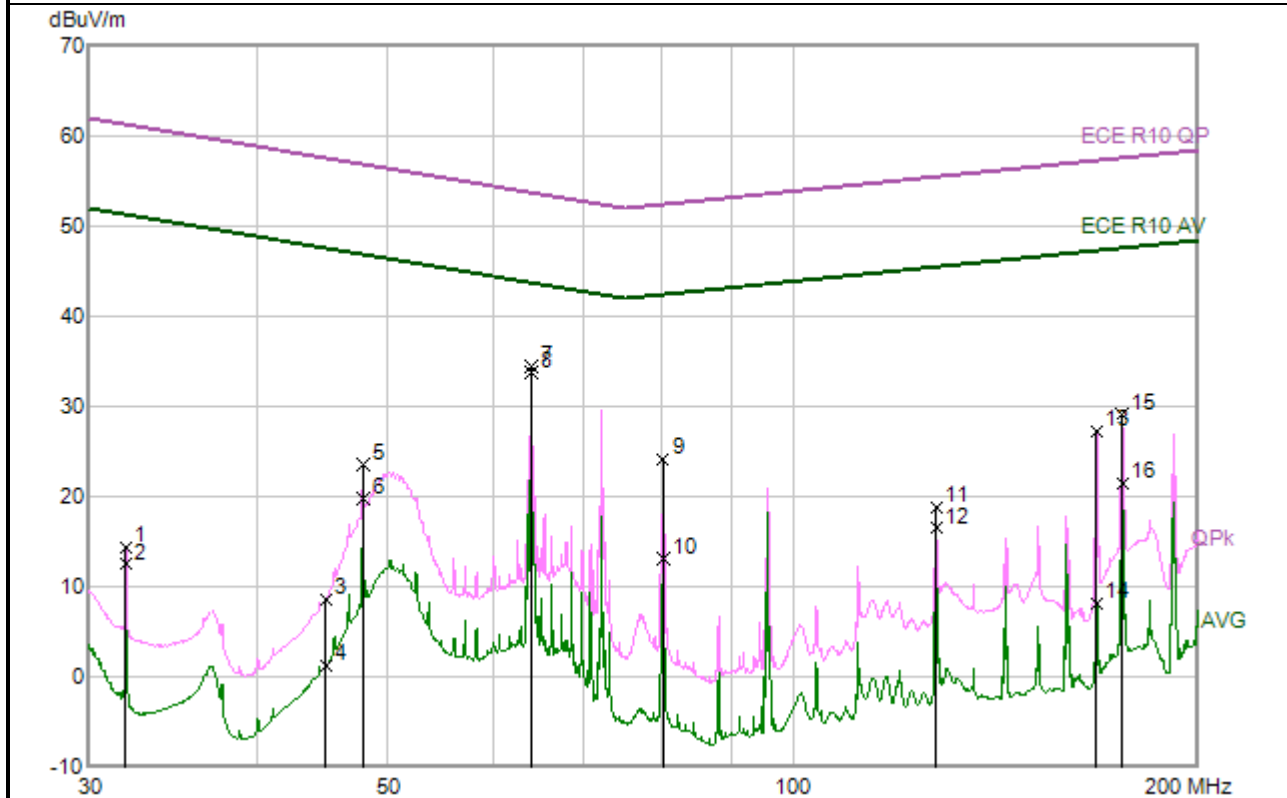
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	224.45	47.56	-16.32	31.24	59.2	27.96	QP
2	224.45	36.82	-16.32	20.5	49.2	28.7	AVG
3	271.79	54.8	-15.36	39.44	60.46	21.02	QP
4	271.79	52.11	-15.36	36.75	50.46	13.71	AVG
5	303.74	53.49	-14.39	39.1	61.19	22.09	QP
6	303.74	50.04	-14.39	35.65	51.19	15.54	AVG
7	399.98	34.61	-12.42	22.19	63	40.81	QP
8	399.98	28.68	-12.42	16.26	53	36.74	AVG
9	591.56	25.1	-9.13	15.97	63	47.03	QP
10	591.56	17.51	-9.13	8.38	53	44.62	AVG
11	815.99	27.55	-6.05	21.5	63	41.5	QP
12	815.99	14.76	-6.05	8.71	53	44.29	AVG
13	936.59	25.12	-4.12	21	63	42	QP
14	936.59	17.05	-4.12	12.93	53	40.07	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



5) Record No. 5 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



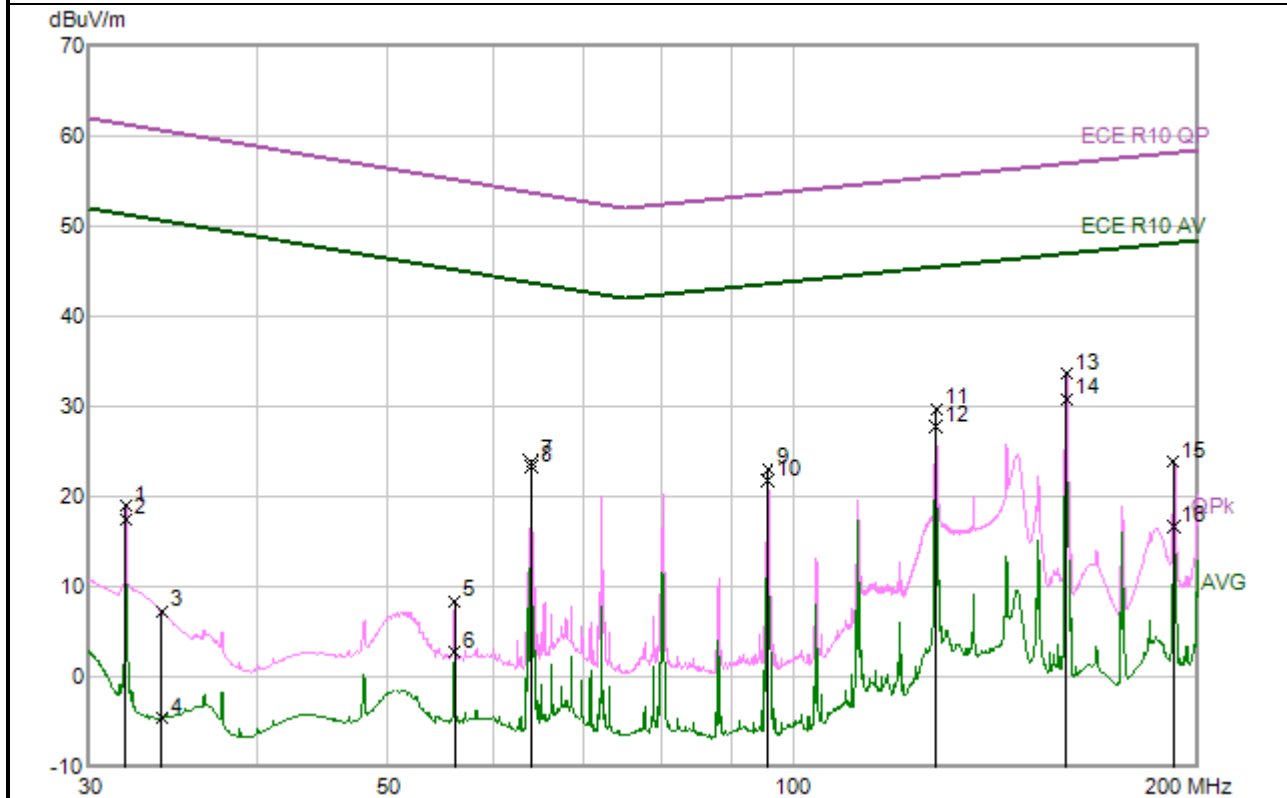
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.95	34.77	-20.4	14.37	61.31	46.94	QP
2	31.95	32.88	-20.4	12.48	51.31	38.83	AVG
3	45	28.78	-20.18	8.6	57.57	48.97	QP
4	45	21.46	-20.18	1.28	47.57	46.29	AVG
5	47.94	43.99	-20.36	23.63	56.88	33.25	QP
6	47.94	40.09	-20.36	19.73	46.88	27.15	AVG
7	63.93	55.81	-21.42	34.39	53.74	19.35	QP
8	63.93	55.27	-21.42	33.85	43.74	9.89	AVG
9	80.1	45.86	-21.74	24.12	52.43	28.31	QP
10	80.1	34.88	-21.74	13.14	42.43	29.29	AVG
11	127.83	37.87	-19.06	18.81	55.5	36.69	QP
12	127.83	35.59	-19.06	16.53	45.5	28.97	AVG
13	168.24	44.29	-17.02	27.27	57.31	30.04	QP
14	168.24	25.16	-17.02	8.14	47.31	39.17	AVG
15	175.74	45.83	-16.66	29.17	57.6	28.43	QP
16	175.74	38.15	-16.66	21.49	47.6	26.11	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



6) Record No. 6 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



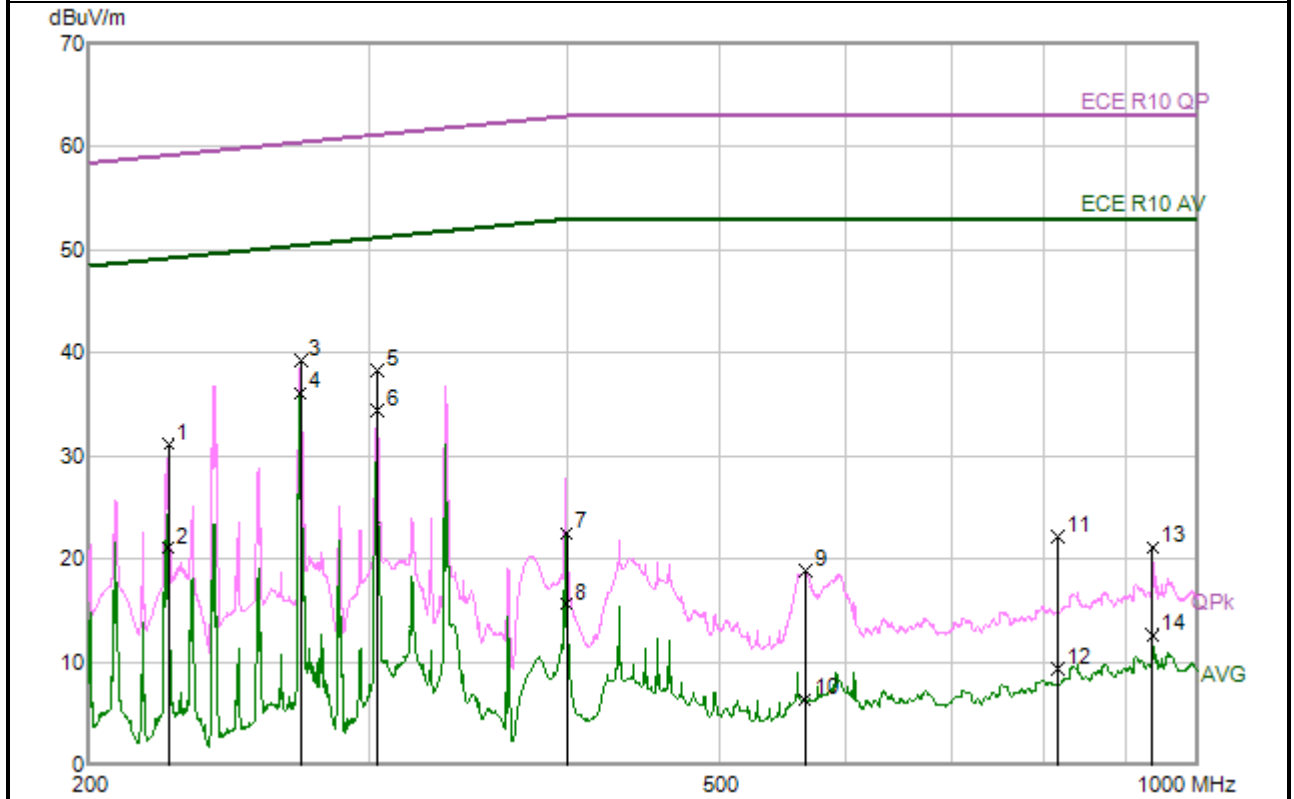
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.95	39.39	-20.4	18.99	61.31	42.32	QP
2	31.95	37.85	-20.4	17.45	51.31	33.86	AVG
3	33.96	27.39	-20.14	7.25	60.65	53.4	QP
4	33.96	15.55	-20.14	-4.59	50.65	55.24	AVG
5	56.07	29.25	-20.89	8.36	55.17	46.81	QP
6	56.07	23.62	-20.89	2.73	45.17	42.44	AVG
7	63.93	45.32	-21.42	23.9	53.74	29.84	QP
8	63.93	44.73	-21.42	23.31	43.74	20.43	AVG
9	95.88	44.63	-21.55	23.08	53.61	30.53	QP
10	95.88	43.35	-21.55	21.8	43.61	21.81	AVG
11	127.83	48.78	-19.06	29.72	55.5	25.78	QP
12	127.83	46.81	-19.06	27.75	45.5	17.75	AVG
13	159.81	50.94	-17.37	33.57	56.97	23.4	QP
14	159.81	48.16	-17.37	30.79	46.97	16.18	AVG
15	191.76	39.6	-15.72	23.88	58.17	34.29	QP
16	191.76	32.41	-15.72	16.69	48.17	31.48	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



7) Record No. 7 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



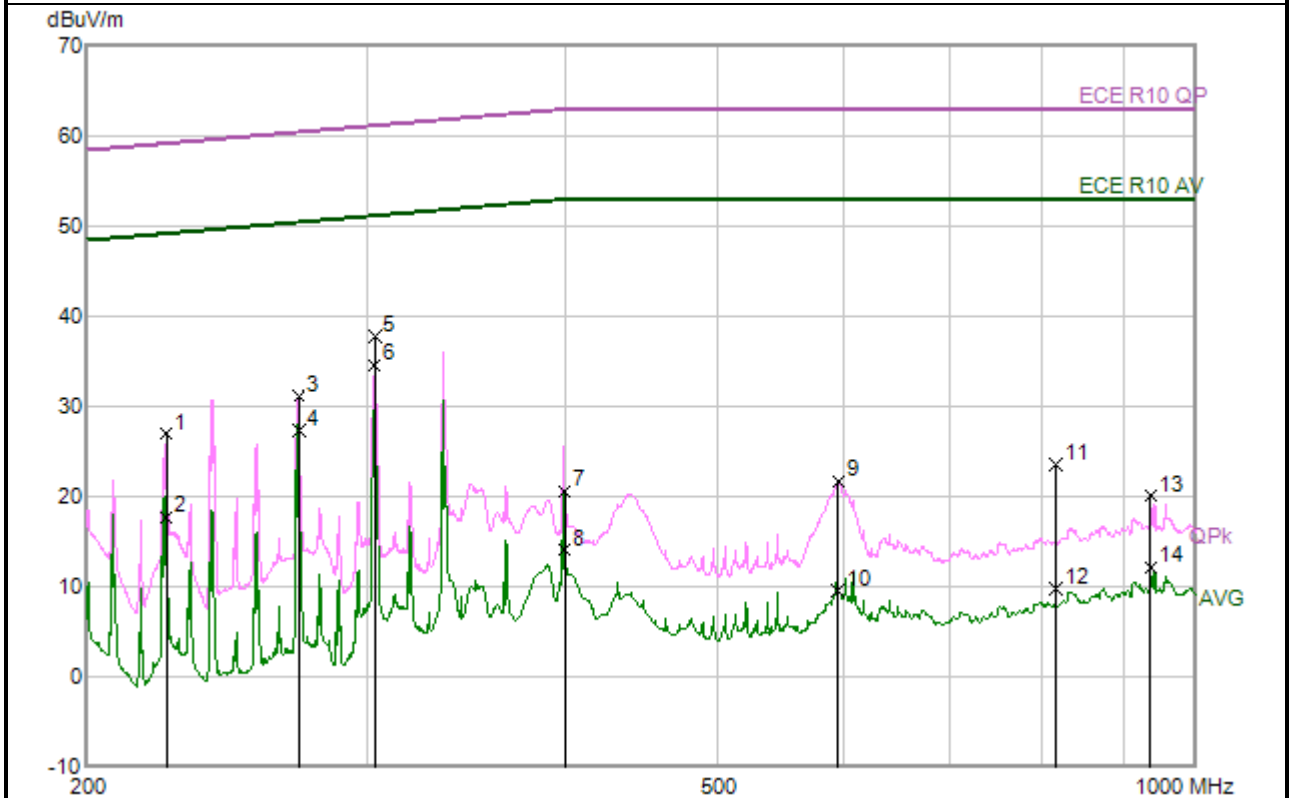
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	224.42	47.47	-16.32	31.15	59.2	28.05	QP
2	224.42	37.37	-16.32	21.05	49.2	28.15	AVG
3	271.88	54.64	-15.36	39.28	60.46	21.18	QP
4	271.88	51.47	-15.36	36.11	50.46	14.35	AVG
5	303.86	52.66	-14.39	38.27	61.19	22.92	QP
6	303.86	48.85	-14.39	34.46	51.19	16.73	AVG
7	400.01	34.9	-12.42	22.48	63	40.52	QP
8	400.01	28.03	-12.42	15.61	53	37.39	AVG
9	565.7	28.75	-9.88	18.87	63	44.13	QP
10	565.7	16.2	-9.88	6.32	53	46.68	AVG
11	815.99	28.25	-6.05	22.2	63	40.8	QP
12	815.99	15.36	-6.05	9.31	53	43.69	AVG
13	936.59	25.22	-4.12	21.1	63	41.9	QP
14	936.59	16.77	-4.12	12.65	53	40.35	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



8) Record No. 8 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



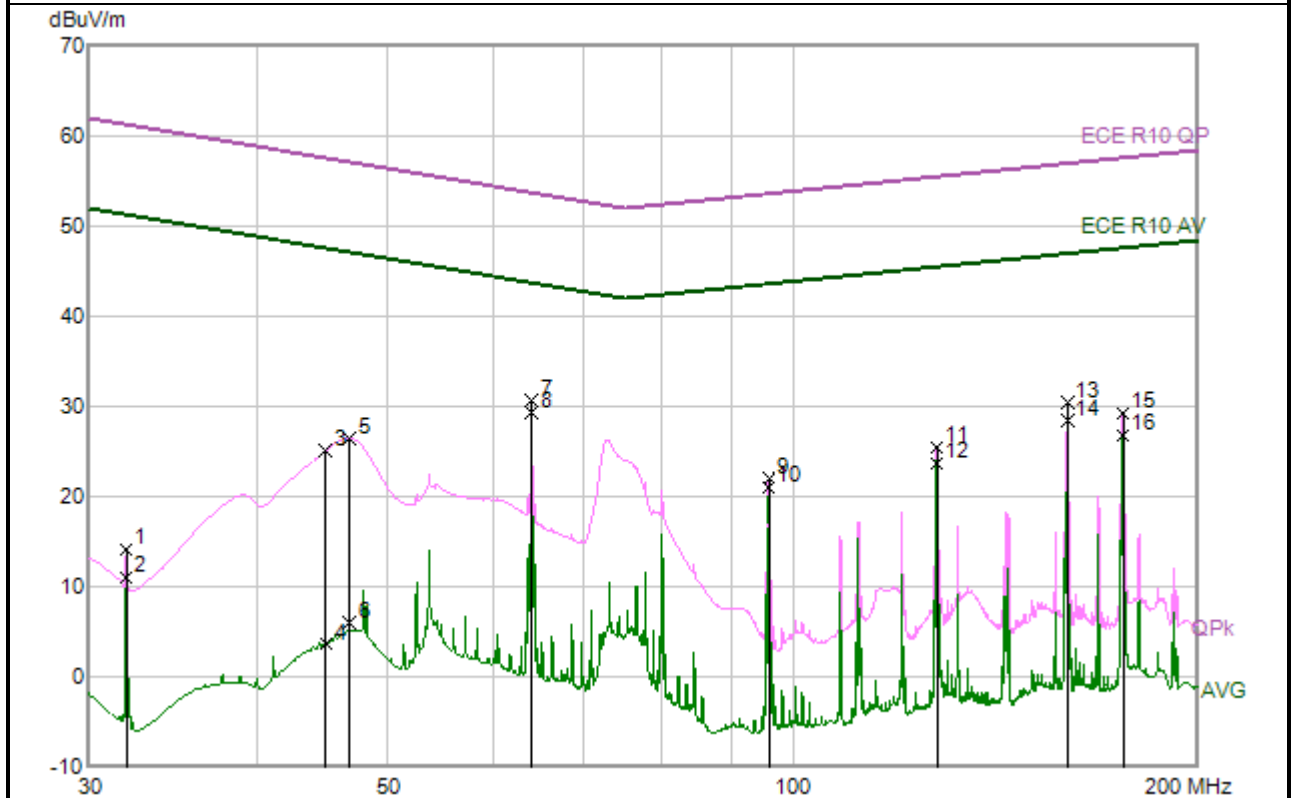
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	224.42	43.27	-16.32	26.95	59.2	32.25	QP
2	224.42	34.06	-16.32	17.74	49.2	31.46	AVG
3	271.79	46.51	-15.36	31.15	60.46	29.31	QP
4	271.79	42.71	-15.36	27.35	50.46	23.11	AVG
5	303.62	52.16	-14.39	37.77	61.19	23.42	QP
6	303.62	48.97	-14.39	34.58	51.19	16.61	AVG
7	399.98	33.04	-12.42	20.62	63	42.38	QP
8	399.98	26.48	-12.42	14.06	53	38.94	AVG
9	594.92	30.74	-9.03	21.71	63	41.29	QP
10	594.92	18.63	-9.03	9.6	53	43.4	AVG
11	815.99	29.59	-6.05	23.54	63	39.46	QP
12	815.99	15.82	-6.05	9.77	53	43.23	AVG
13	936.62	24.19	-4.12	20.07	63	42.93	QP
14	936.62	16.32	-4.12	12.2	53	40.8	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



9) Record No. 9 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



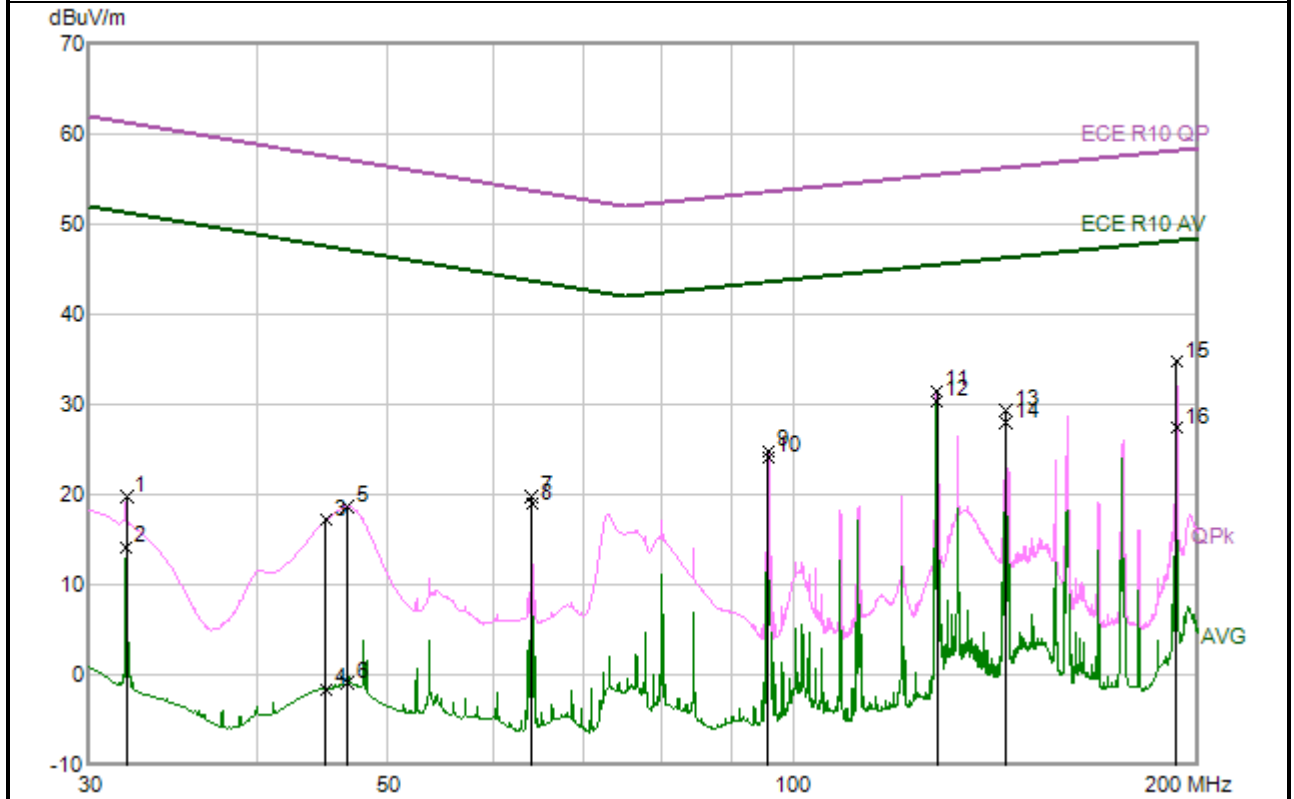
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.98	34.55	-20.39	14.16	61.3	47.14	QP
2	31.98	31.47	-20.39	11.08	51.3	40.22	AVG
3	45	45.3	-20.18	25.12	57.57	32.45	QP
4	45	23.79	-20.18	3.61	47.57	43.96	AVG
5	46.83	46.83	-20.29	26.54	57.14	30.6	QP
6	46.83	26.22	-20.29	5.93	47.14	41.21	AVG
7	63.96	52.14	-21.42	30.72	53.74	23.02	QP
8	63.96	50.74	-21.42	29.32	43.74	14.42	AVG
9	95.97	43.58	-21.55	22.03	53.62	31.59	QP
10	95.97	42.6	-21.55	21.05	43.62	22.57	AVG
11	127.95	44.58	-19.05	25.53	55.51	29.98	QP
12	127.95	42.73	-19.05	23.68	45.51	21.83	AVG
13	159.93	47.81	-17.36	30.45	56.98	26.53	QP
14	159.93	45.84	-17.36	28.48	46.98	18.5	AVG
15	175.95	45.9	-16.64	29.26	57.6	28.34	QP
16	175.95	43.43	-16.64	26.79	47.6	20.81	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



10) Record No. 10 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.98	40.17	-20.39	19.78	61.3	41.52	QP
2	31.98	34.58	-20.39	14.19	51.3	37.11	AVG
3	45	37.34	-20.18	17.16	57.57	40.41	QP
4	45	18.61	-20.18	-1.57	47.57	49.14	AVG
5	46.65	38.95	-20.28	18.67	57.18	38.51	QP
6	46.65	19.31	-20.28	-0.97	47.18	48.15	AVG
7	63.96	41.19	-21.42	19.77	53.74	33.97	QP
8	63.96	40.42	-21.42	19	43.74	24.74	AVG
9	95.94	46.41	-21.55	24.86	53.62	28.76	QP
10	95.94	45.67	-21.55	24.12	43.62	19.5	AVG
11	127.95	50.6	-19.05	31.55	55.51	23.96	QP
12	127.95	49.39	-19.05	30.34	45.51	15.17	AVG
13	143.94	47.51	-18.18	29.33	56.28	26.95	QP
14	143.94	46.14	-18.18	27.96	46.28	18.32	AVG
15	192.87	50.33	-15.6	34.73	58.21	23.48	QP
16	192.87	42.98	-15.6	27.38	48.21	20.83	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



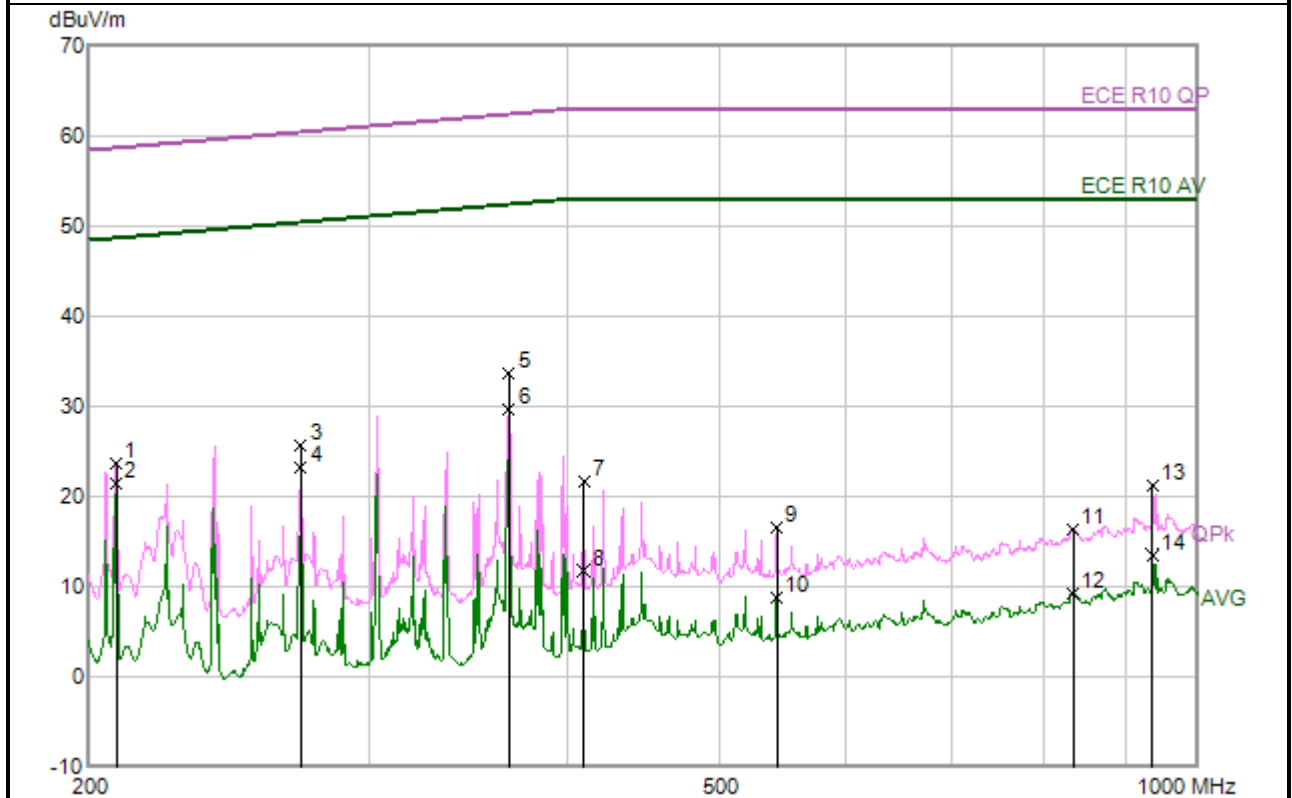
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11) Record No. 11 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



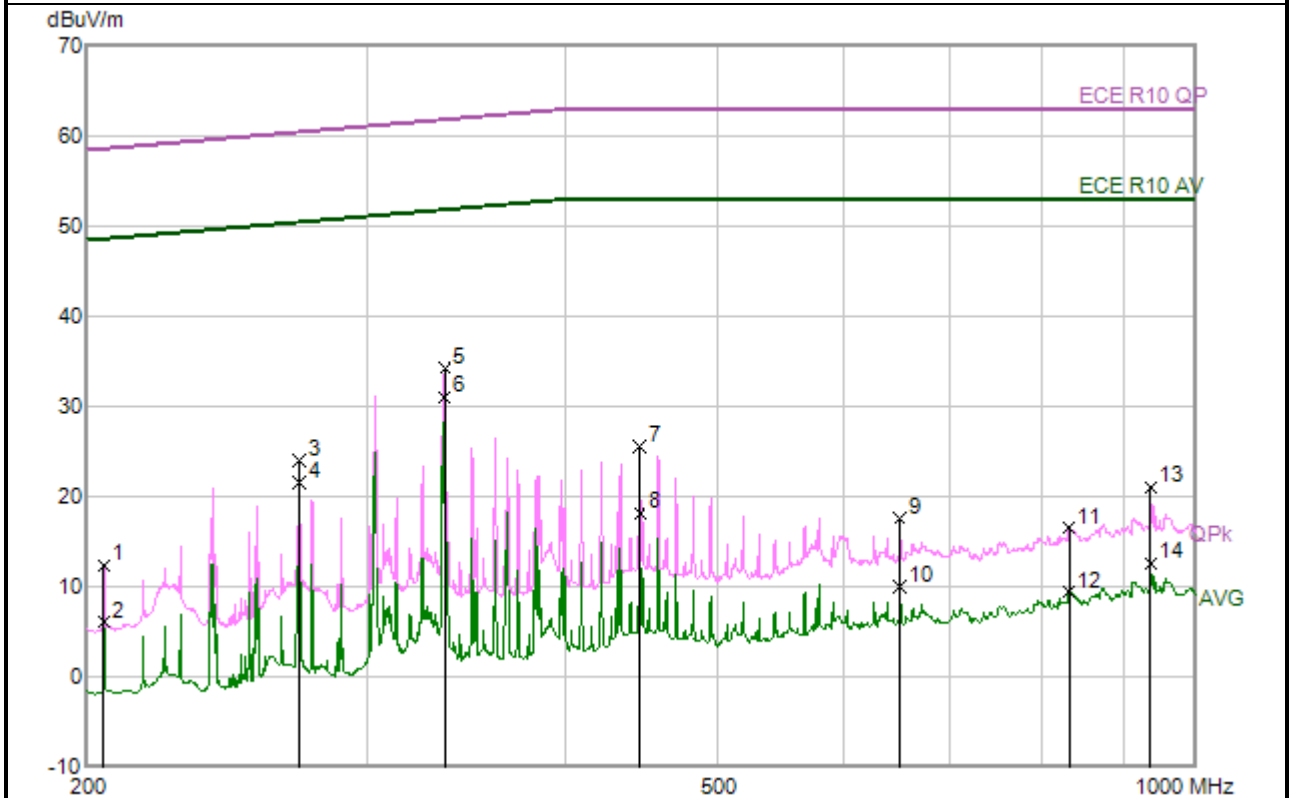
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	208.07	40.16	-16.46	23.7	58.71	35.01	QP
2	208.07	37.94	-16.46	21.48	48.71	27.23	AVG
3	272.03	41.04	-15.35	25.69	60.47	34.78	QP
4	272.03	38.59	-15.35	23.24	50.47	27.23	AVG
5	368.03	46.75	-13.06	33.69	62.45	28.76	QP
6	368.03	42.73	-13.06	29.67	52.45	22.78	AVG
7	410.09	33.72	-12.02	21.7	63	41.3	QP
8	410.09	23.75	-12.02	11.73	53	41.27	AVG
9	542.72	26.96	-10.38	16.58	63	46.42	QP
10	542.72	19.2	-10.38	8.82	53	44.18	AVG
11	834.05	22.13	-5.74	16.39	63	46.61	QP
12	834.05	15.06	-5.74	9.32	53	43.68	AVG
13	936.62	25.4	-4.12	21.28	63	41.72	QP
14	936.62	17.68	-4.12	13.56	53	39.44	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



12) Record No. 12 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	204.98	28.92	-16.48	12.44	58.61	46.17	QP
2	204.98	22.53	-16.48	6.05	48.61	42.56	AVG
3	272.06	39.43	-15.35	24.08	60.47	36.39	QP
4	272.06	36.99	-15.35	21.64	50.47	28.83	AVG
5	336.02	47.97	-13.72	34.25	61.85	27.6	QP
6	336.02	44.75	-13.72	31.03	51.85	20.82	AVG
7	446.24	36.25	-10.67	25.58	63	37.42	QP
8	446.24	28.85	-10.67	18.18	53	34.82	AVG
9	651.08	26	-8.4	17.6	63	45.4	QP
10	651.08	18.44	-8.4	10.04	53	42.96	AVG
11	831.74	22.27	-5.78	16.49	63	46.51	QP
12	831.74	15.21	-5.78	9.43	53	43.57	AVG
13	936.59	25.15	-4.12	21.03	63	41.97	QP
14	936.59	16.73	-4.12	12.61	53	40.39	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



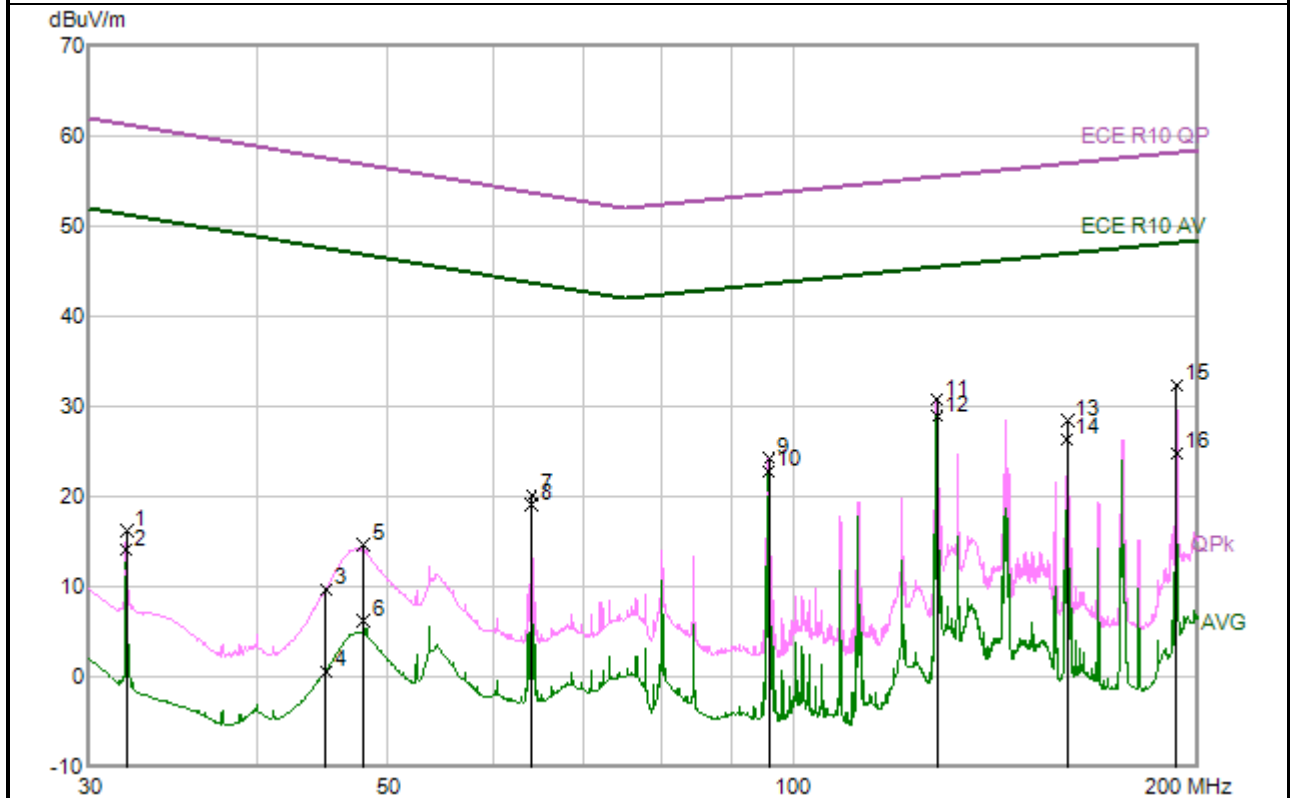
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Shenzhen Branch Testing Center EEC Laboratory

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13) Record No. 13 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.98	36.61	-20.39	16.22	61.3	45.08	QP
2	31.98	34.46	-20.39	14.07	51.3	37.23	AVG
3	45	29.9	-20.18	9.72	57.57	47.85	QP
4	45	20.82	-20.18	0.64	47.57	46.93	AVG
5	47.97	35.02	-20.36	14.66	56.88	42.22	QP
6	47.97	26.61	-20.36	6.25	46.88	40.63	AVG
7	63.96	41.57	-21.42	20.15	53.74	33.59	QP
8	63.96	40.58	-21.42	19.16	43.74	24.58	AVG
9	95.97	45.81	-21.55	24.26	53.62	29.36	QP
10	95.97	44.38	-21.55	22.83	43.62	20.79	AVG
11	127.95	49.79	-19.05	30.74	55.51	24.77	QP
12	127.95	47.96	-19.05	28.91	45.51	16.6	AVG
13	159.93	45.85	-17.36	28.49	56.98	28.49	QP
14	159.93	43.72	-17.36	26.36	46.98	20.62	AVG
15	192.84	47.94	-15.6	32.34	58.21	25.87	QP
16	192.84	40.39	-15.6	24.79	48.21	23.42	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



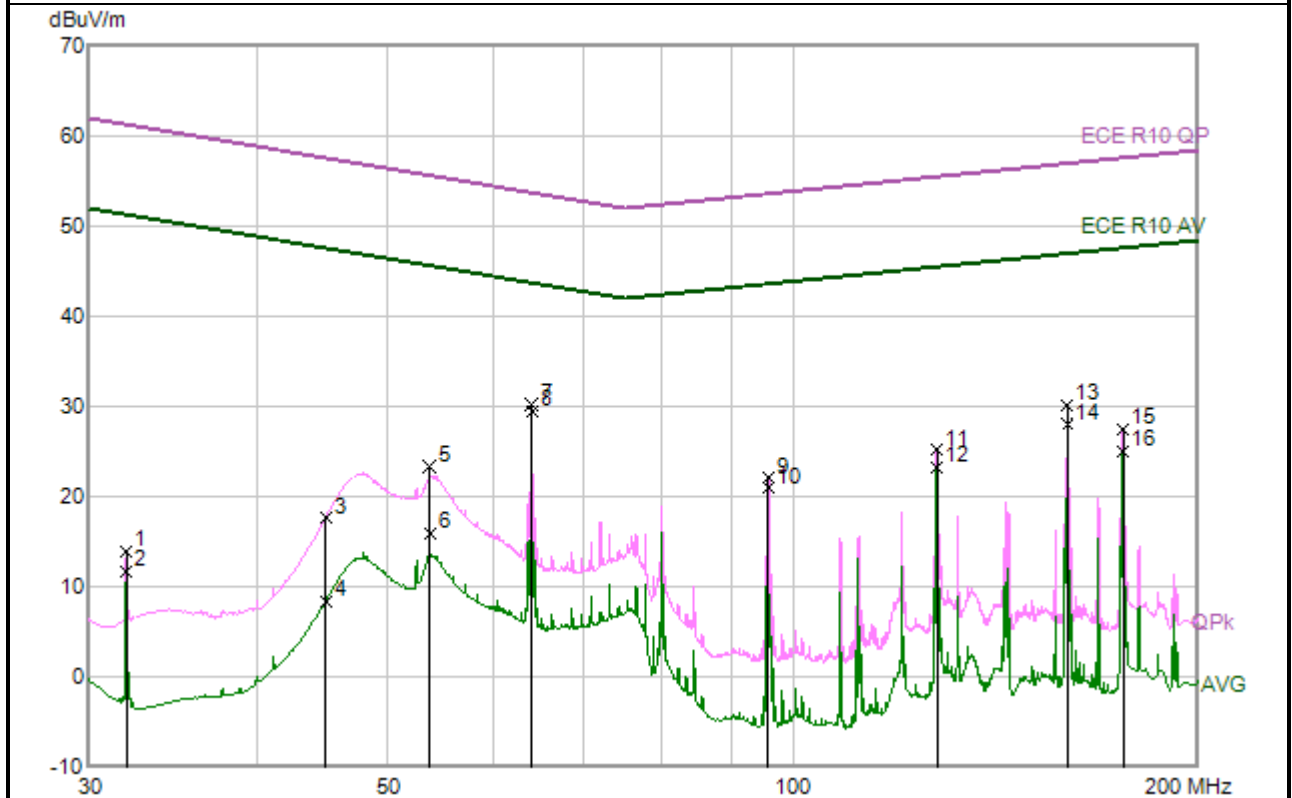
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14) Record No. 14 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



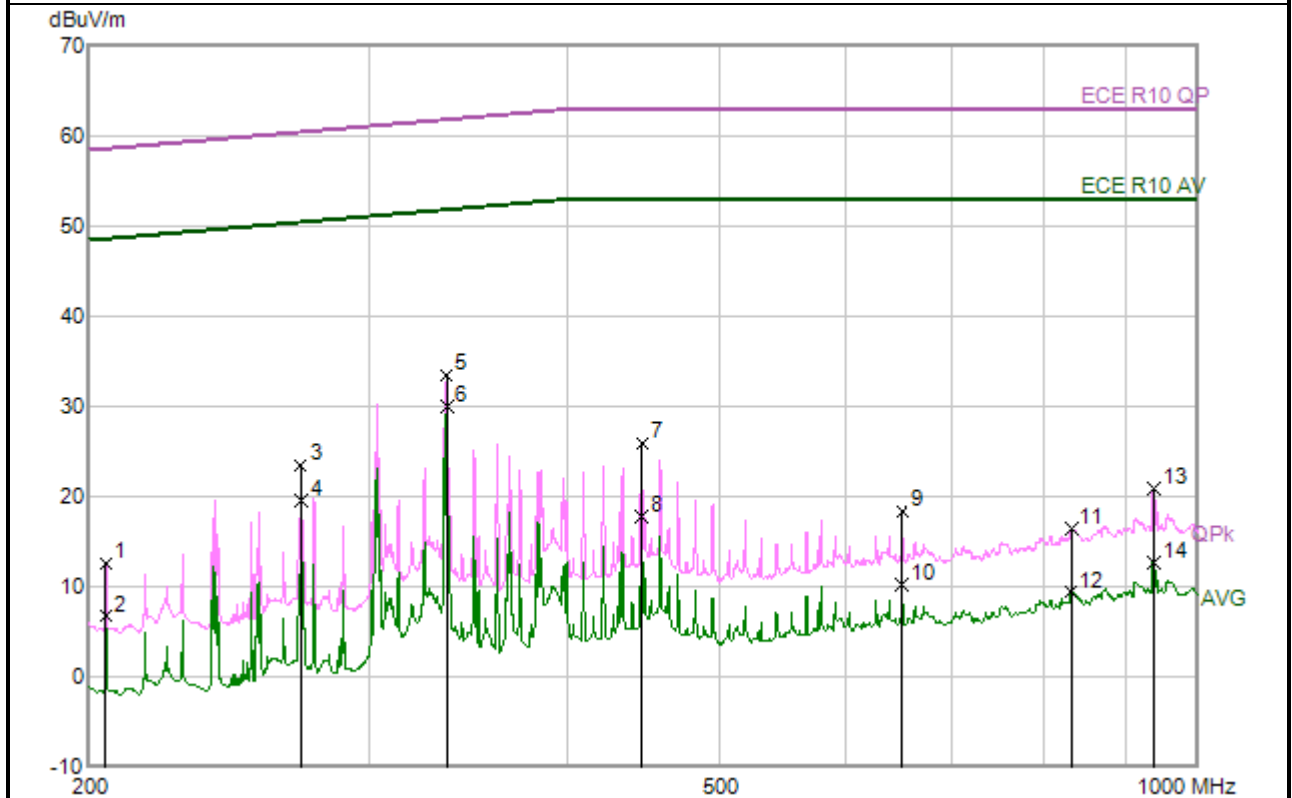
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.98	34.32	-20.39	13.93	61.3	47.37	QP
2	31.98	32.09	-20.39	11.7	51.3	39.6	AVG
3	45	37.84	-20.18	17.66	57.57	39.91	QP
4	45	28.6	-20.18	8.42	47.57	39.15	AVG
5	53.7	44.08	-20.73	23.35	55.65	32.3	QP
6	53.7	36.63	-20.73	15.9	45.65	29.75	AVG
7	63.96	51.72	-21.42	30.3	53.74	23.44	QP
8	63.96	50.87	-21.42	29.45	43.74	14.29	AVG
9	95.94	43.59	-21.55	22.04	53.62	31.58	QP
10	95.94	42.53	-21.55	20.98	43.62	22.64	AVG
11	127.95	44.2	-19.05	25.15	55.51	30.36	QP
12	127.95	42.28	-19.05	23.23	45.51	22.28	AVG
13	159.93	47.51	-17.36	30.15	56.98	26.83	QP
14	159.93	45.42	-17.36	28.06	46.98	18.92	AVG
15	175.92	44.19	-16.65	27.54	57.6	30.06	QP
16	175.92	41.72	-16.65	25.07	47.6	22.53	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



15) Record No. 15 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



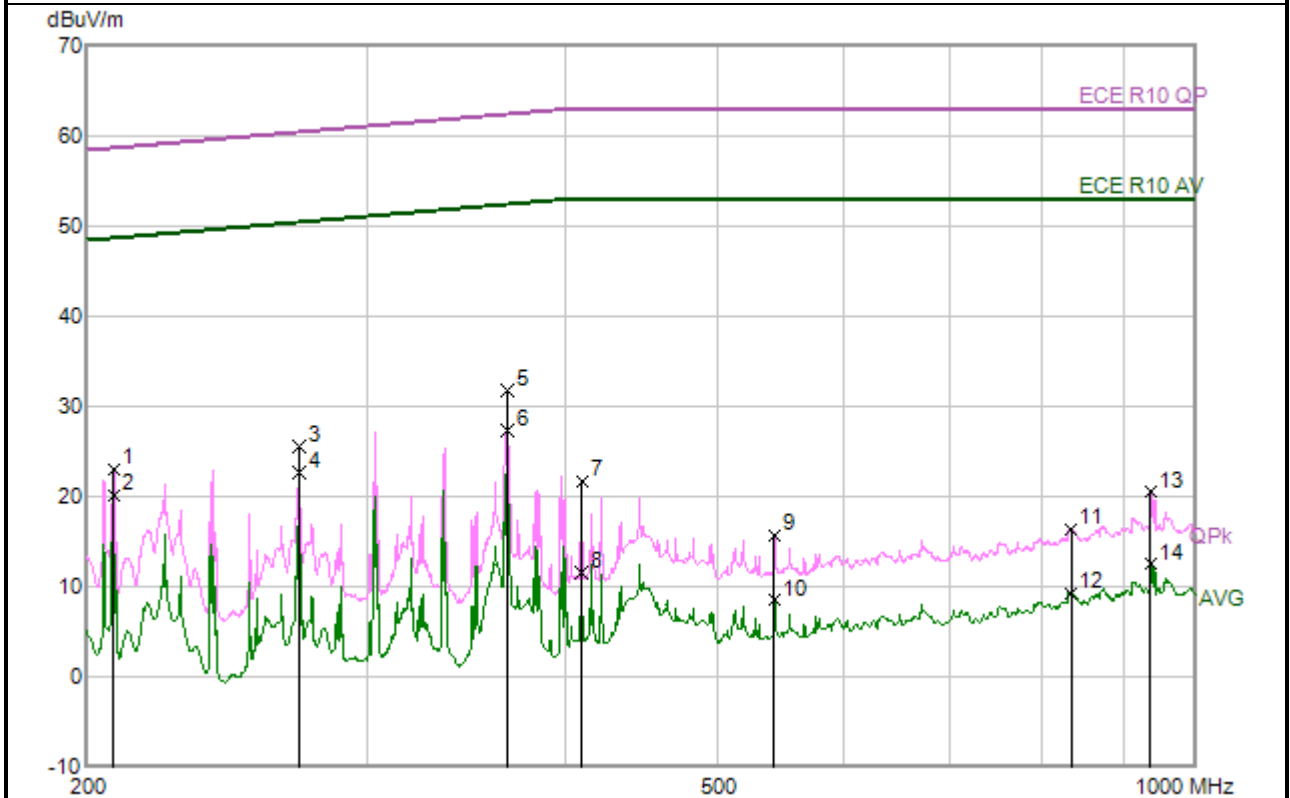
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	204.98	29.14	-16.48	12.66	58.61	45.95	QP
2	204.98	23.17	-16.48	6.69	48.61	41.92	AVG
3	272.06	38.8	-15.35	23.45	60.47	37.02	QP
4	272.06	34.89	-15.35	19.54	50.47	30.93	AVG
5	336.02	47.2	-13.72	33.48	61.85	28.37	QP
6	336.02	43.72	-13.72	30	51.85	21.85	AVG
7	446	36.59	-10.68	25.91	63	37.09	QP
8	446	28.45	-10.68	17.77	53	35.23	AVG
9	650.9	26.8	-8.4	18.4	63	44.6	QP
10	650.9	18.66	-8.4	10.26	53	42.74	AVG
11	831.83	22.24	-5.78	16.46	63	46.54	QP
12	831.83	15.21	-5.78	9.43	53	43.57	AVG
13	938.21	25.08	-4.1	20.98	63	42.02	QP
14	938.21	16.69	-4.1	12.59	53	40.41	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



16) Record No. 16 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



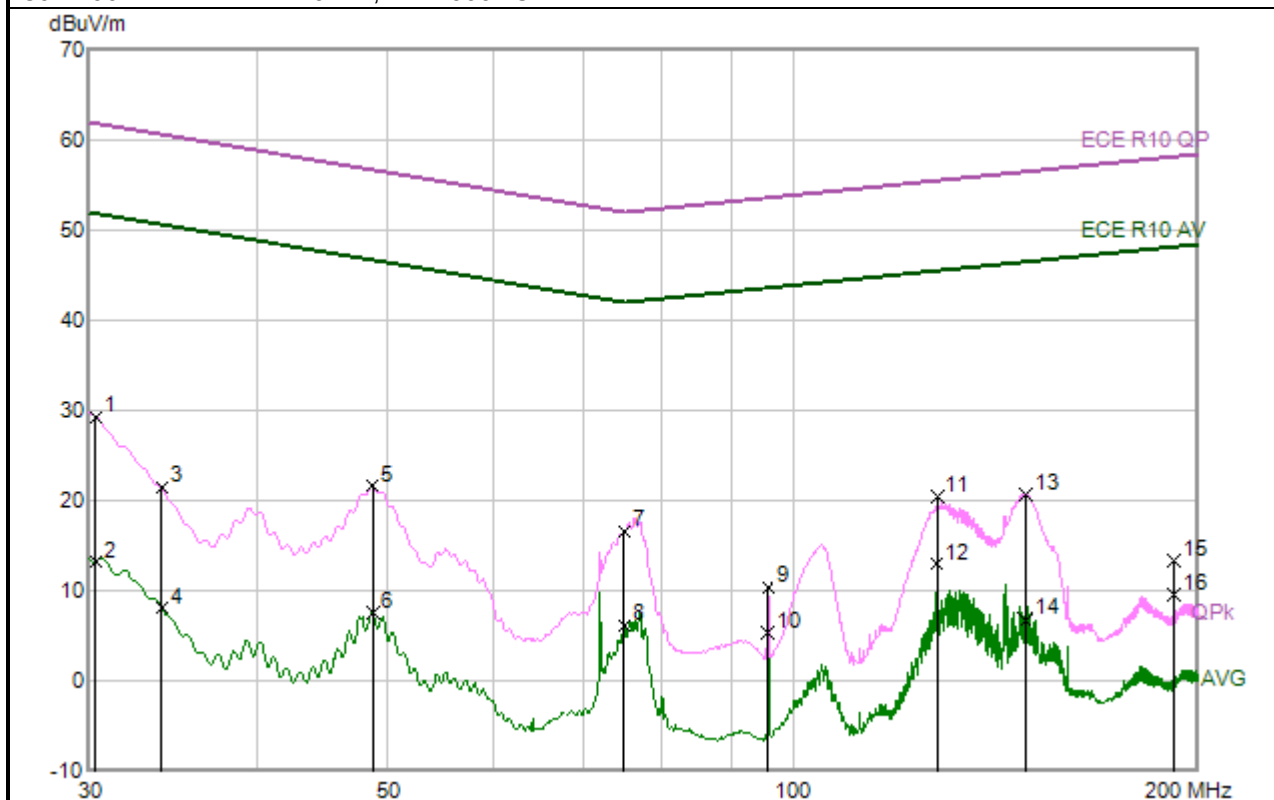
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	207.89	39.52	-16.46	23.06	58.7	35.64	QP
2	207.89	36.63	-16.46	20.17	48.7	28.53	AVG
3	272.06	40.96	-15.35	25.61	60.47	34.86	QP
4	272.06	38.02	-15.35	22.67	50.47	27.8	AVG
5	368.09	44.94	-13.06	31.88	62.45	30.57	QP
6	368.09	40.4	-13.06	27.34	52.45	25.11	AVG
7	410.12	33.74	-12.02	21.72	63	41.28	QP
8	410.12	23.54	-12.02	11.52	53	41.48	AVG
9	542.36	26.12	-10.38	15.74	63	47.26	QP
10	542.36	18.92	-10.38	8.54	53	44.46	AVG
11	834.14	22.1	-5.74	16.36	63	46.64	QP
12	834.14	15.04	-5.74	9.3	53	43.7	AVG
13	936.59	24.63	-4.12	20.51	63	42.49	QP
14	936.59	16.62	-4.12	12.5	53	40.5	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



17) Record No. 17 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



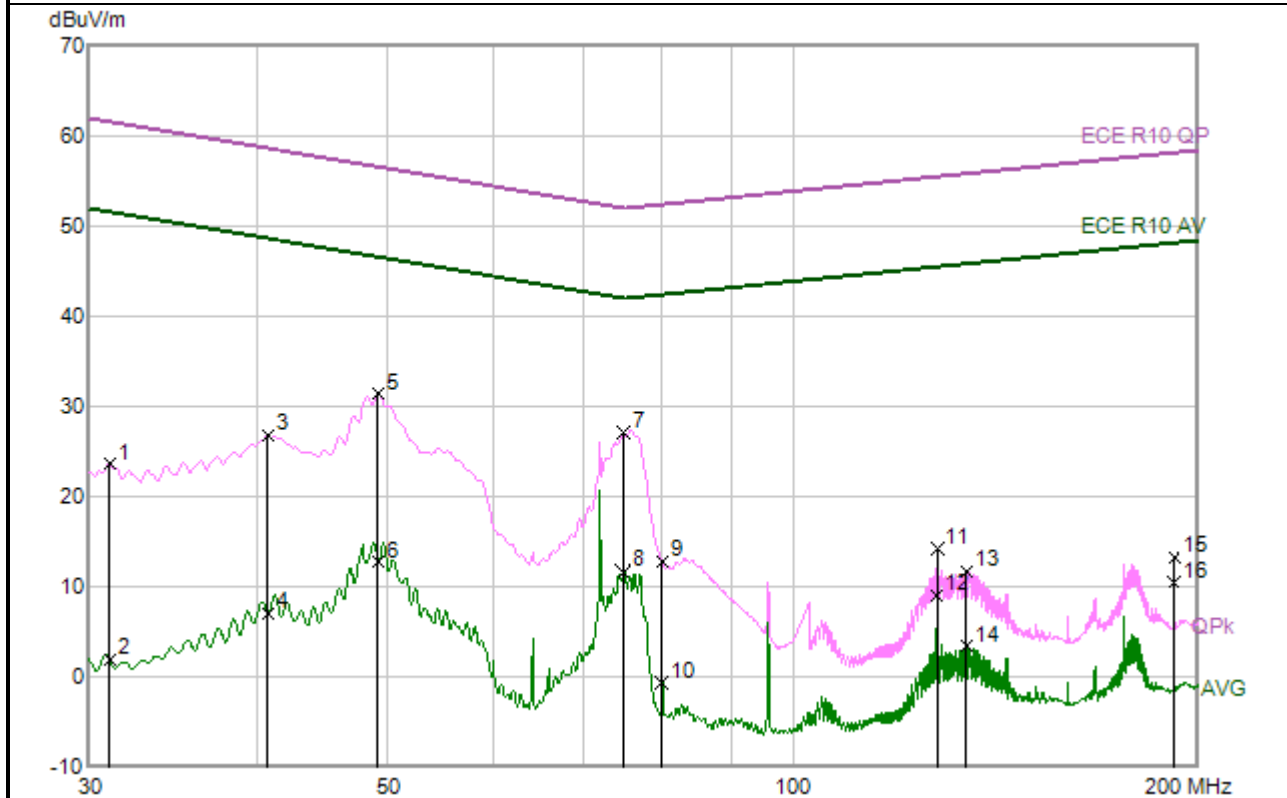
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.36	49.94	-20.61	29.33	61.87	32.54	QP
2	30.36	33.83	-20.61	13.22	51.87	38.65	AVG
3	33.96	41.61	-20.14	21.47	60.65	39.18	QP
4	33.96	28.25	-20.14	8.11	50.65	42.54	AVG
5	48.72	42.03	-20.41	21.62	56.71	35.09	QP
6	48.72	27.98	-20.41	7.57	46.71	39.14	AVG
7	74.97	38.34	-21.7	16.64	52	35.36	QP
8	74.97	27.88	-21.7	6.18	42	35.82	AVG
9	95.85	31.95	-21.55	10.4	53.61	43.21	QP
10	95.85	26.93	-21.55	5.38	43.61	38.23	AVG
11	128.01	39.48	-19.05	20.43	55.51	35.08	QP
12	128.01	32.04	-19.05	12.99	45.51	32.52	AVG
13	148.98	38.56	-17.83	20.73	56.51	35.78	QP
14	148.98	24.61	-17.83	6.78	46.51	39.73	AVG
15	192	29.04	-15.69	13.35	58.18	44.83	QP
16	192	25.28	-15.69	9.59	48.18	38.59	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



18) Record No. 18 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



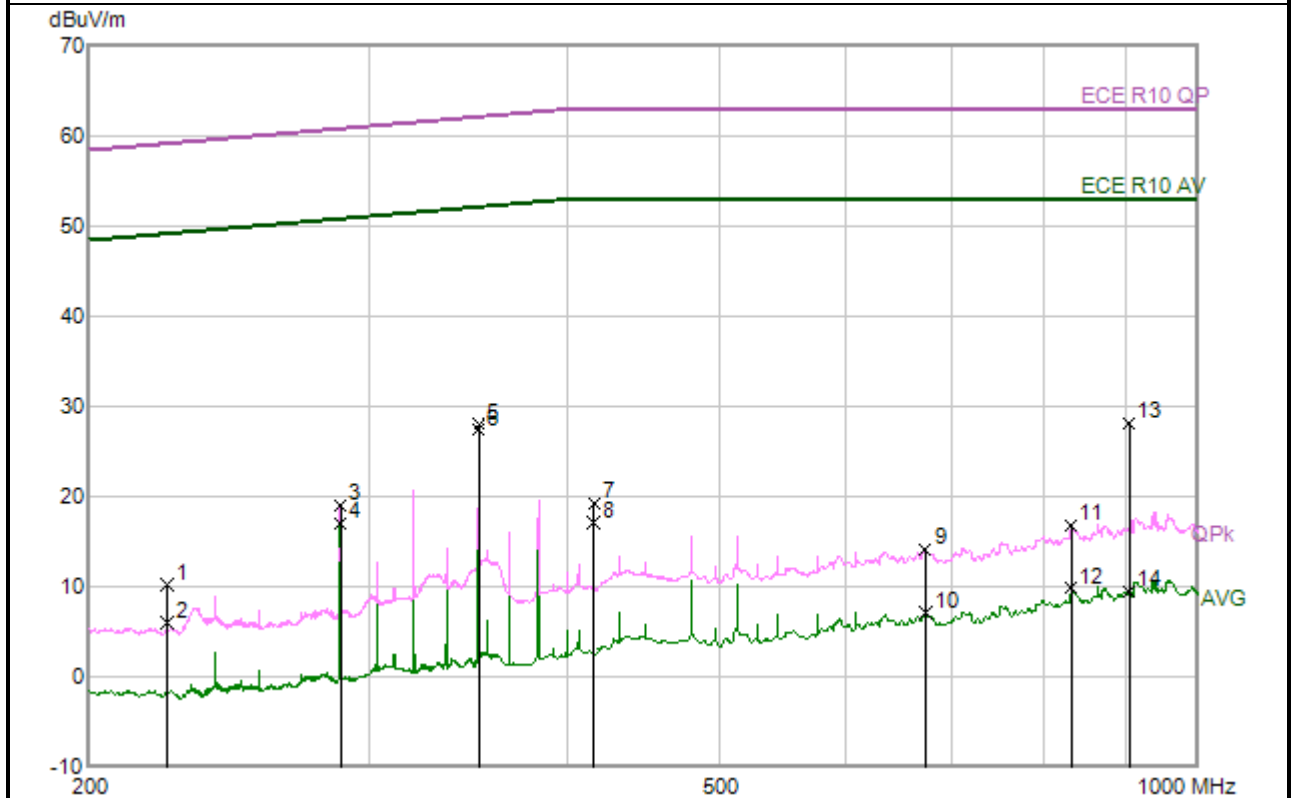
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	31.08	44.15	-20.51	23.64	61.61	37.97	QP
2	31.08	22.4	-20.51	1.89	51.61	49.72	AVG
3	40.71	46.98	-20.19	26.79	58.67	31.88	QP
4	40.71	27.2	-20.19	7.01	48.67	41.66	AVG
5	49.2	51.84	-20.43	31.41	56.6	25.19	QP
6	49.2	33.14	-20.43	12.71	46.6	33.89	AVG
7	74.85	48.79	-21.7	27.09	52.02	24.93	QP
8	74.85	33.38	-21.7	11.68	42.02	30.34	AVG
9	79.98	34.56	-21.74	12.82	52.42	39.6	QP
10	79.98	21.1	-21.74	-0.64	42.42	43.06	AVG
11	128.01	33.26	-19.05	14.21	55.51	41.3	QP
12	128.01	28.07	-19.05	9.02	45.51	36.49	AVG
13	134.58	30.43	-18.72	11.71	55.84	44.13	QP
14	134.58	22.12	-18.72	3.4	45.84	42.44	AVG
15	192	28.95	-15.69	13.26	58.18	44.92	QP
16	192	26.22	-15.69	10.53	48.18	37.65	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



19) Record No. 19 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



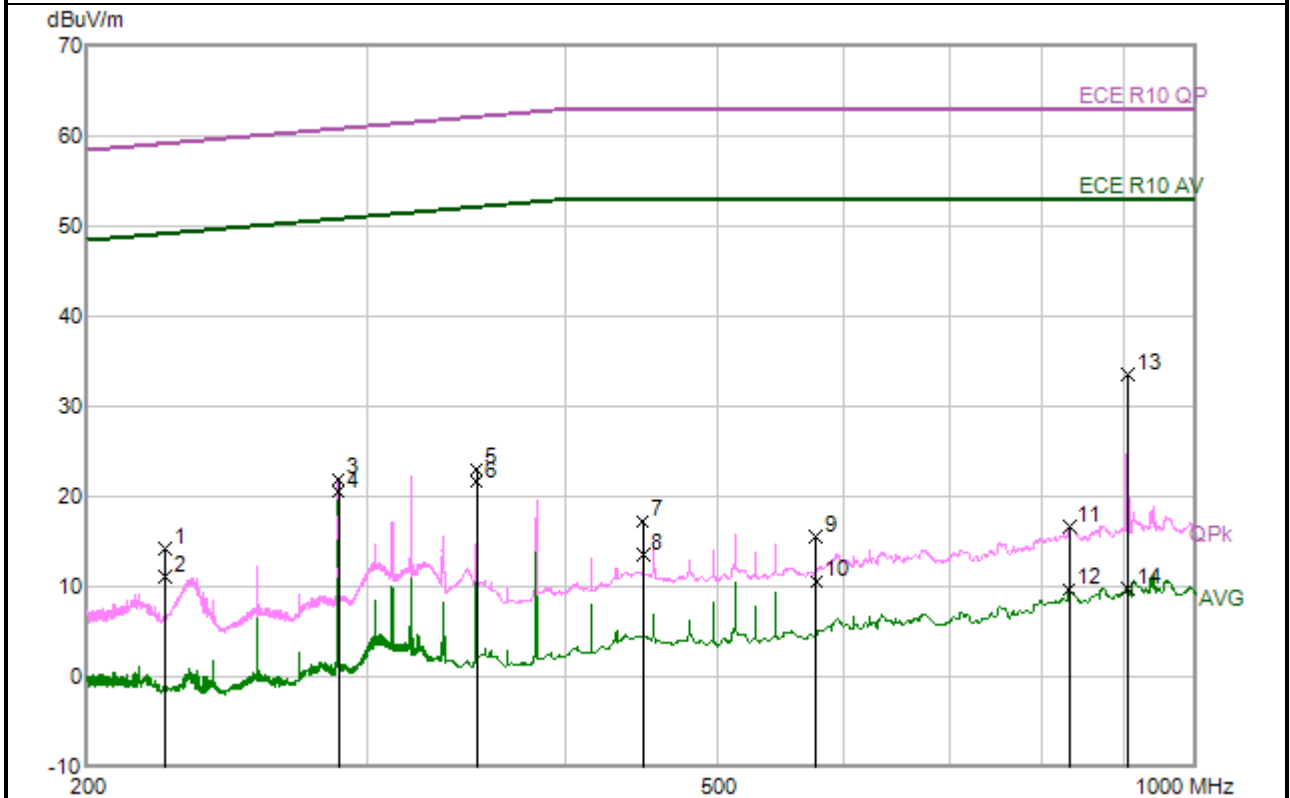
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	224	26.46	-16.32	10.14	59.19	49.05	QP
2	224	22.32	-16.32	6	49.19	43.19	AVG
3	287.99	33.92	-14.84	19.08	60.84	41.76	QP
4	287.99	31.9	-14.84	17.06	50.84	33.78	AVG
5	352.01	41.43	-13.4	28.03	62.16	34.13	QP
6	352.01	40.78	-13.4	27.38	52.16	24.78	AVG
7	416	31.02	-11.79	19.23	63	43.77	QP
8	416	28.97	-11.79	17.18	53	35.82	AVG
9	673.4	22.34	-8.21	14.13	63	48.87	QP
10	673.4	15.26	-8.21	7.05	53	45.95	AVG
11	832.01	22.58	-5.77	16.81	63	46.19	QP
12	832.01	15.65	-5.77	9.88	53	43.12	AVG
13	905.15	32.56	-4.41	28.15	63	34.85	QP
14	905.15	13.92	-4.41	9.51	53	43.49	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



20) Record No. 20 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



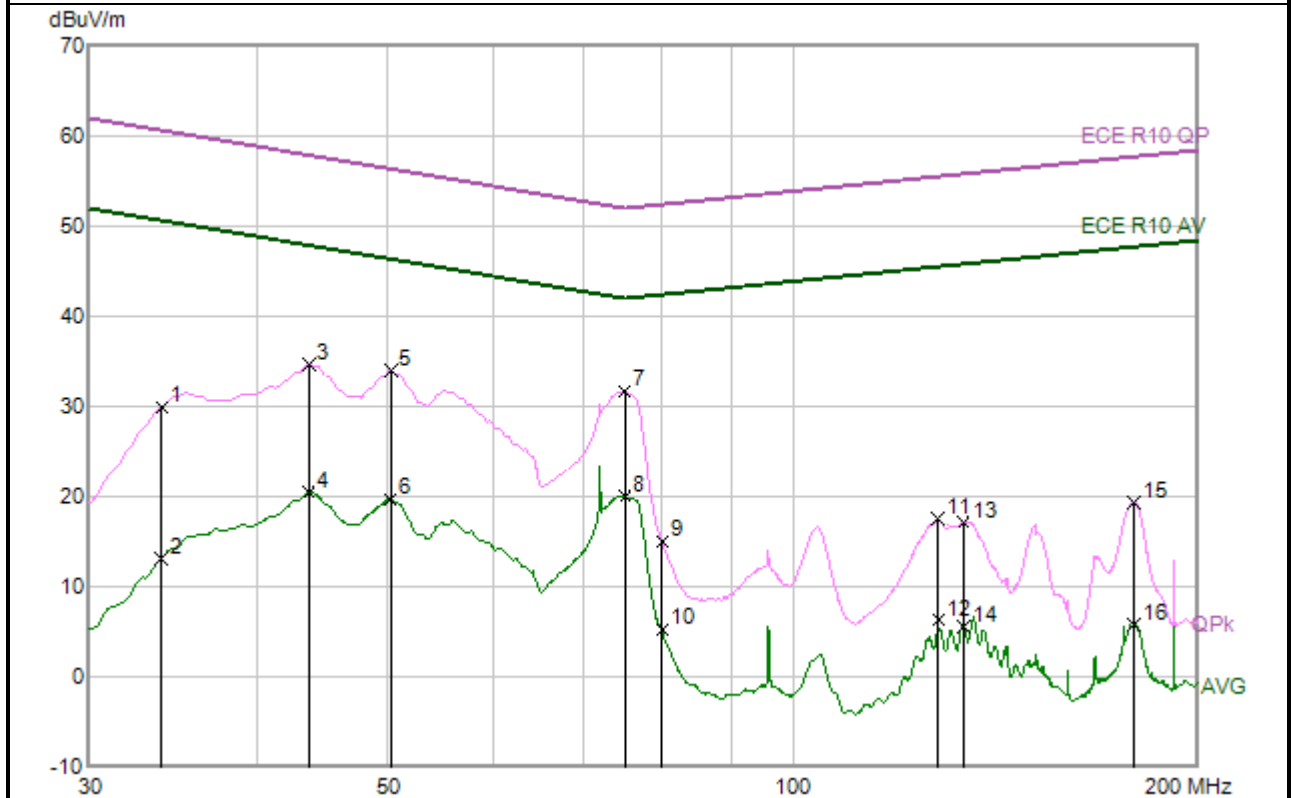
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	224	30.57	-16.32	14.25	59.19	44.94	QP
2	224	27.51	-16.32	11.19	49.19	38	AVG
3	287.99	36.83	-14.84	21.99	60.84	38.85	QP
4	287.99	35.34	-14.84	20.5	50.84	30.34	AVG
5	352.01	36.45	-13.4	23.05	62.16	39.11	QP
6	352.01	35.01	-13.4	21.61	52.16	30.55	AVG
7	448.01	27.89	-10.61	17.28	63	45.72	QP
8	448.01	24.18	-10.61	13.57	53	39.43	AVG
9	575.99	25.12	-9.58	15.54	63	47.46	QP
10	575.99	20.16	-9.58	10.58	53	42.42	AVG
11	832.01	22.44	-5.77	16.67	63	46.33	QP
12	832.01	15.47	-5.77	9.7	53	43.3	AVG
13	905.6	37.99	-4.41	33.58	63	29.42	QP
14	905.6	14.27	-4.41	9.86	53	43.14	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



21) Record No. 21 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



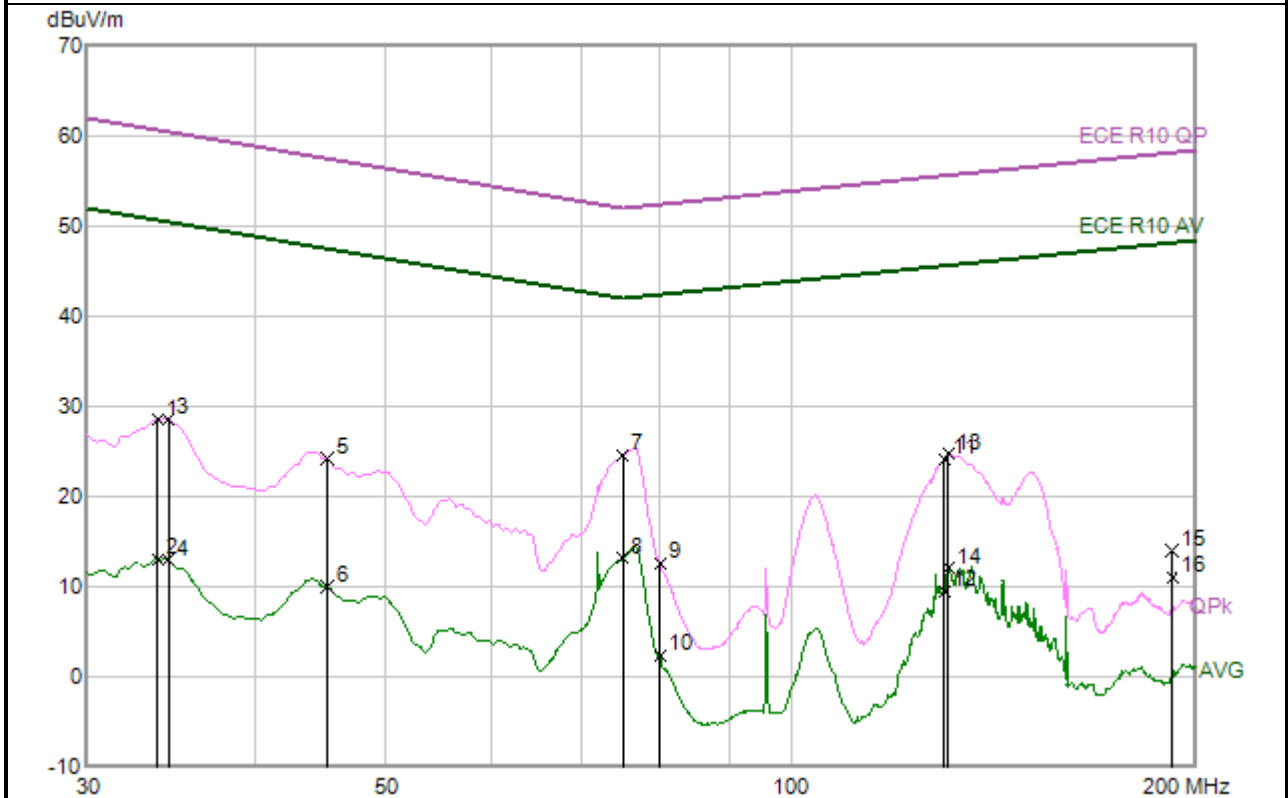
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.96	50.04	-20.14	29.9	60.65	30.75	QP
2	33.96	33.29	-20.14	13.15	50.65	37.5	AVG
3	43.68	54.86	-20.18	34.68	57.9	23.22	QP
4	43.68	40.69	-20.18	20.51	47.9	27.39	AVG
5	50.25	54.48	-20.5	33.98	56.37	22.39	QP
6	50.25	40.19	-20.5	19.69	46.37	26.68	AVG
7	75	53.41	-21.7	31.71	52	20.29	QP
8	75	41.73	-21.7	20.03	42	21.97	AVG
9	79.98	36.81	-21.74	15.07	52.42	37.35	QP
10	79.98	27.01	-21.74	5.27	42.42	37.15	AVG
11	128.22	36.55	-19.04	17.51	55.52	38.01	QP
12	128.22	25.36	-19.04	6.32	45.52	39.2	AVG
13	133.92	35.97	-18.75	17.22	55.81	38.59	QP
14	133.92	24.37	-18.75	5.62	45.81	40.19	AVG
15	179.16	35.76	-16.36	19.4	57.72	38.32	QP
16	179.16	22.17	-16.36	5.81	47.72	41.91	AVG

Note: Result = Reading + Correct Factor, Margin = Limit - Result



22) Record No. 22 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



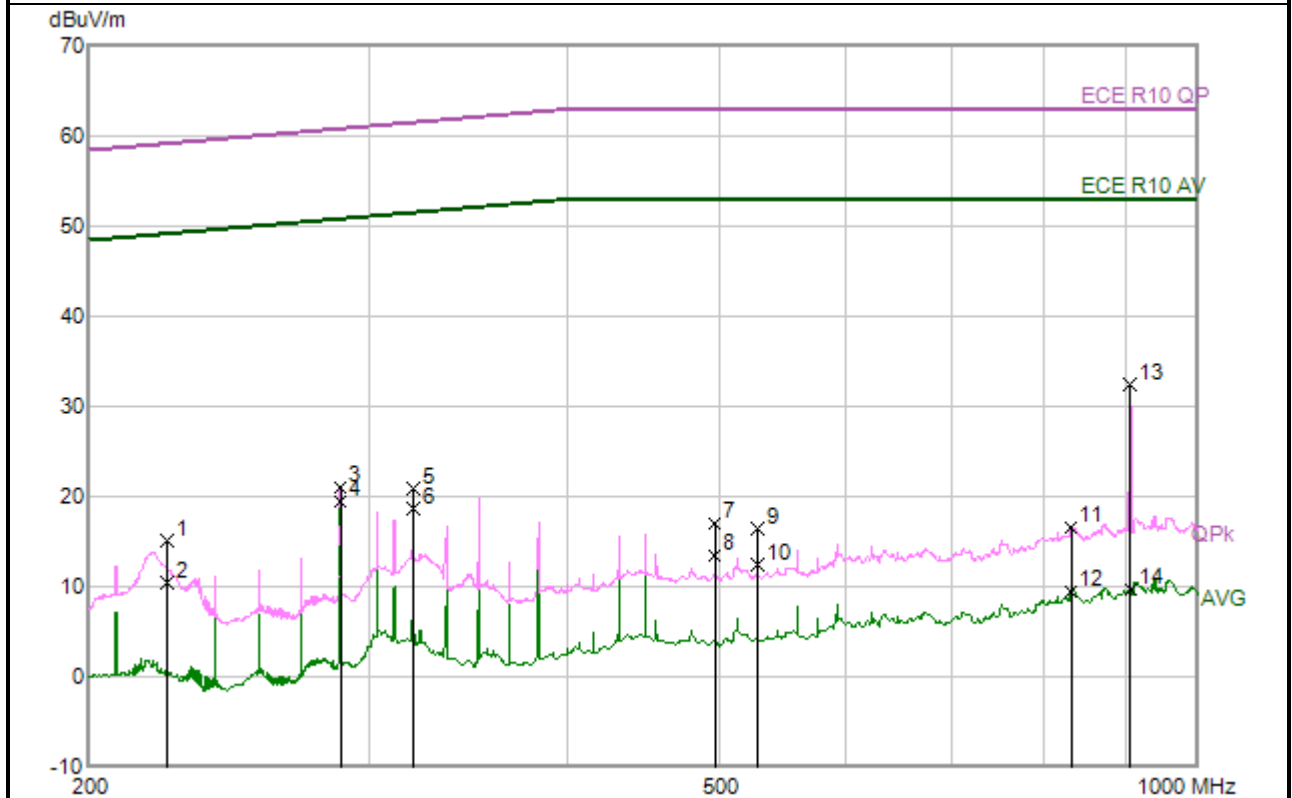
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	33.84	48.69	-20.16	28.53	60.69	32.16	QP
2	33.84	33.2	-20.16	13.04	50.69	37.65	AVG
3	34.47	48.73	-20.08	28.65	60.48	31.83	QP
4	34.47	33.03	-20.08	12.95	50.48	37.53	AVG
5	45.24	44.33	-20.19	24.14	57.52	33.38	QP
6	45.24	30.17	-20.19	9.98	47.52	37.54	AVG
7	75	46.31	-21.7	24.61	52	27.39	QP
8	75	34.89	-21.7	13.19	42	28.81	AVG
9	79.98	34.32	-21.74	12.58	52.42	39.84	QP
10	79.98	24.14	-21.74	2.4	42.42	40.02	AVG
11	129.99	43.1	-18.95	24.15	55.61	31.46	QP
12	129.99	28.41	-18.95	9.46	45.61	36.15	AVG
13	131.01	43.64	-18.9	24.74	55.67	30.93	QP
14	131.01	30.92	-18.9	12.02	45.67	33.65	AVG
15	192	29.74	-15.69	14.05	58.18	44.13	QP
16	192	26.72	-15.69	11.03	48.18	37.15	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



23) Record No. 23 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



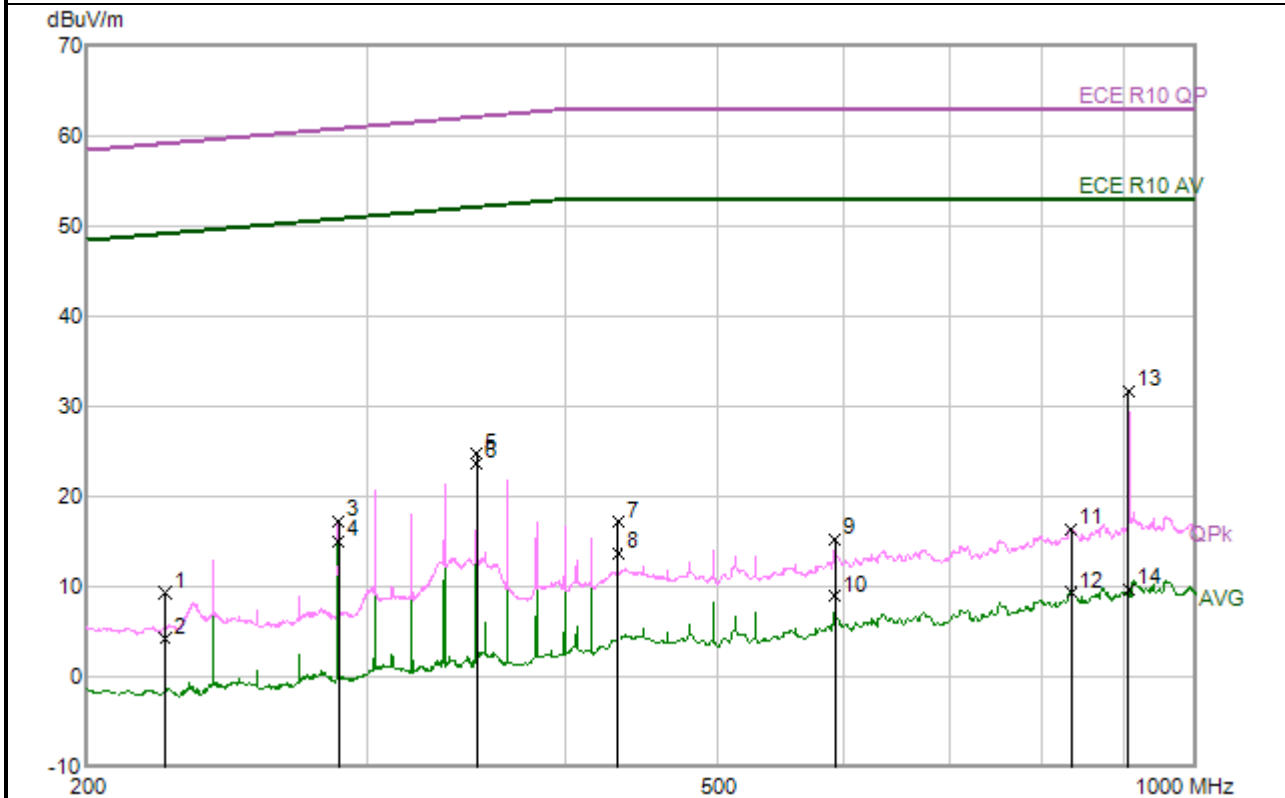
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	224	31.52	-16.32	15.2	59.19	43.99	QP
2	224	26.86	-16.32	10.54	49.19	38.65	AVG
3	287.99	35.89	-14.84	21.05	60.84	39.79	QP
4	287.99	34.36	-14.84	19.52	50.84	31.32	AVG
5	320	34.92	-14.04	20.88	61.53	40.65	QP
6	320	32.67	-14.04	18.63	51.53	32.9	AVG
7	496.01	27.62	-10.55	17.07	63	45.93	QP
8	496.01	24.07	-10.55	13.52	53	39.48	AVG
9	527.99	26.95	-10.44	16.51	63	46.49	QP
10	527.99	22.93	-10.44	12.49	53	40.51	AVG
11	832.04	22.33	-5.77	16.56	63	46.44	QP
12	832.04	15.26	-5.77	9.49	53	43.51	AVG
13	906.68	36.87	-4.4	32.47	63	30.53	QP
14	906.68	14.09	-4.4	9.69	53	43.31	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



24) Record No. 24 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



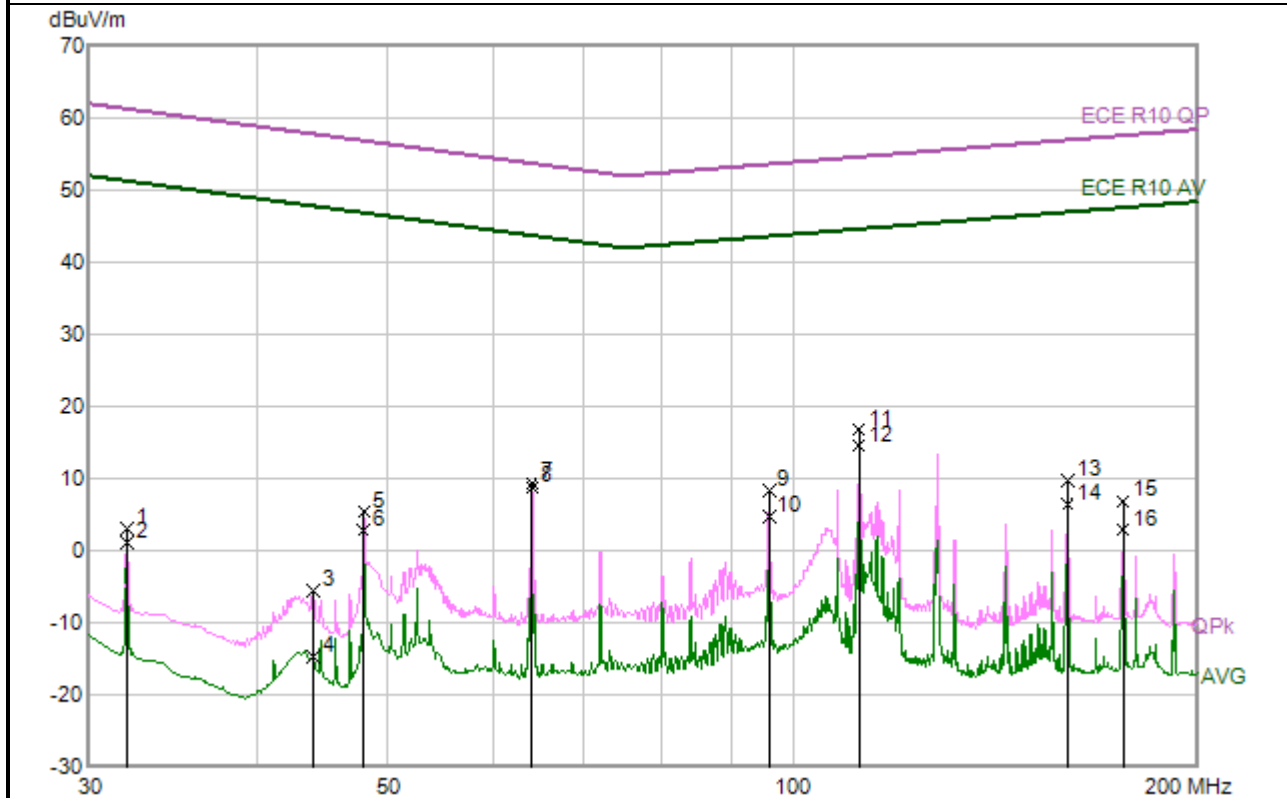
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	224	25.58	-16.32	9.26	59.19	49.93	QP
2	224	20.65	-16.32	4.33	49.19	44.86	AVG
3	287.99	32.12	-14.84	17.28	60.84	43.56	QP
4	287.99	29.91	-14.84	15.07	50.84	35.77	AVG
5	352.01	38.12	-13.4	24.72	62.16	37.44	QP
6	352.01	37.12	-13.4	23.72	52.16	28.44	AVG
7	431.99	28.4	-11.19	17.21	63	45.79	QP
8	431.99	24.89	-11.19	13.7	53	39.3	AVG
9	592.01	24.4	-9.12	15.28	63	47.72	QP
10	592.01	18.12	-9.12	9	53	44	AVG
11	834.11	22.16	-5.74	16.42	63	46.58	QP
12	834.11	15.1	-5.74	9.36	53	43.64	AVG
13	906.92	36.09	-4.39	31.7	63	31.3	QP
14	906.92	14.11	-4.39	9.72	53	43.28	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



25) Record No. 25 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



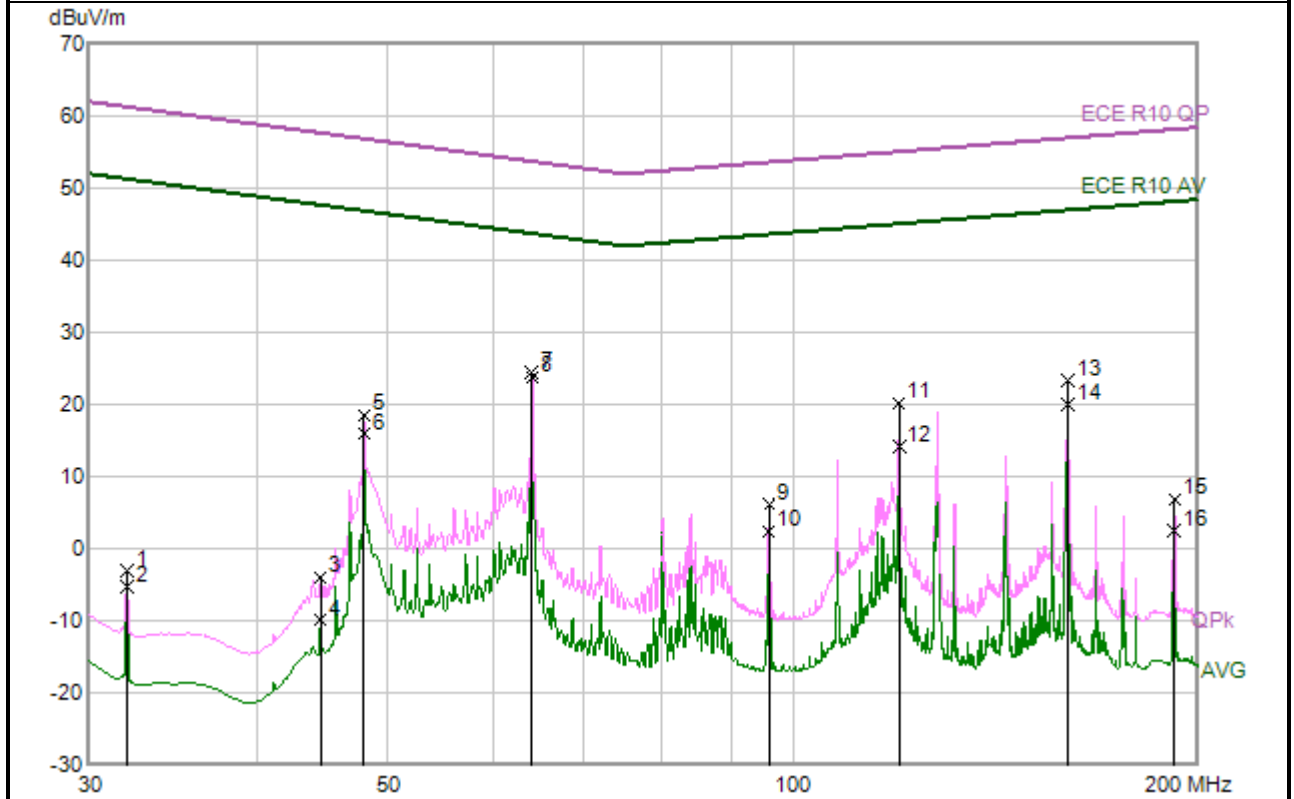
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.01	35.86	-32.9	2.96	61.29	58.33	QP
2	32.01	34.05	-32.9	1.15	51.29	50.14	AVG
3	44.01	27.07	-32.6	-5.53	57.82	63.35	QP
4	44.01	17.78	-32.6	-14.82	47.82	62.64	AVG
5	48.03	37.93	-32.52	5.41	56.86	51.45	QP
6	48.03	35.32	-32.52	2.8	46.86	44.06	AVG
7	64.02	41.71	-32.3	9.41	53.73	44.32	QP
8	64.02	41.06	-32.3	8.76	43.73	34.97	AVG
9	96	40.51	-32.13	8.38	53.62	45.24	QP
10	96	36.85	-32.13	4.72	43.62	38.9	AVG
11	112.05	48.74	-31.95	16.79	54.64	37.85	QP
12	112.05	46.53	-31.95	14.58	44.64	30.06	AVG
13	160.05	41.11	-31.46	9.65	56.98	47.33	QP
14	160.05	37.97	-31.46	6.51	46.98	40.47	AVG
15	176.07	38.17	-31.32	6.85	57.61	50.76	QP
16	176.07	34.23	-31.32	2.91	47.61	44.7	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



26) Record No. 26 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



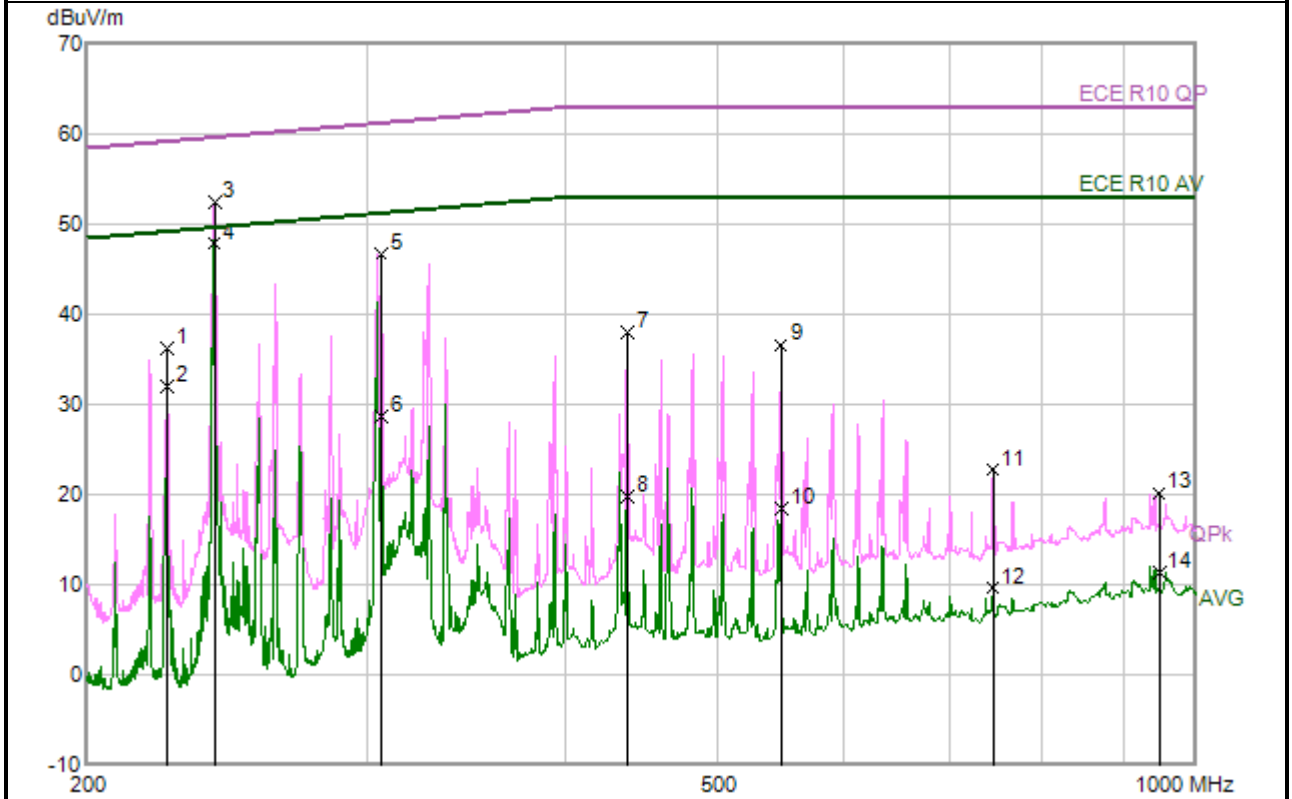
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.01	29.94	-32.9	-2.96	61.29	64.25	QP
2	32.01	27.57	-32.9	-5.33	51.29	56.62	AVG
3	44.58	28.57	-32.59	-4.02	57.68	61.7	QP
4	44.58	22.71	-32.59	-9.88	47.68	57.56	AVG
5	48.03	51.01	-32.52	18.49	56.86	38.37	QP
6	48.03	48.41	-32.52	15.89	46.86	30.97	AVG
7	64.02	56.77	-32.3	24.47	53.73	29.26	QP
8	64.02	56.13	-32.3	23.83	43.73	19.9	AVG
9	96	38.3	-32.13	6.17	53.62	47.45	QP
10	96	34.55	-32.13	2.42	43.62	41.2	AVG
11	119.94	52.05	-31.86	20.19	55.09	34.9	QP
12	119.94	46.07	-31.86	14.21	45.09	30.88	AVG
13	160.08	54.72	-31.46	23.26	56.98	33.72	QP
14	160.08	51.37	-31.46	19.91	46.98	27.07	AVG
15	192.06	38.01	-31.19	6.82	58.18	51.36	QP
16	192.06	33.73	-31.19	2.54	48.18	45.64	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



27) Record No. 27 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



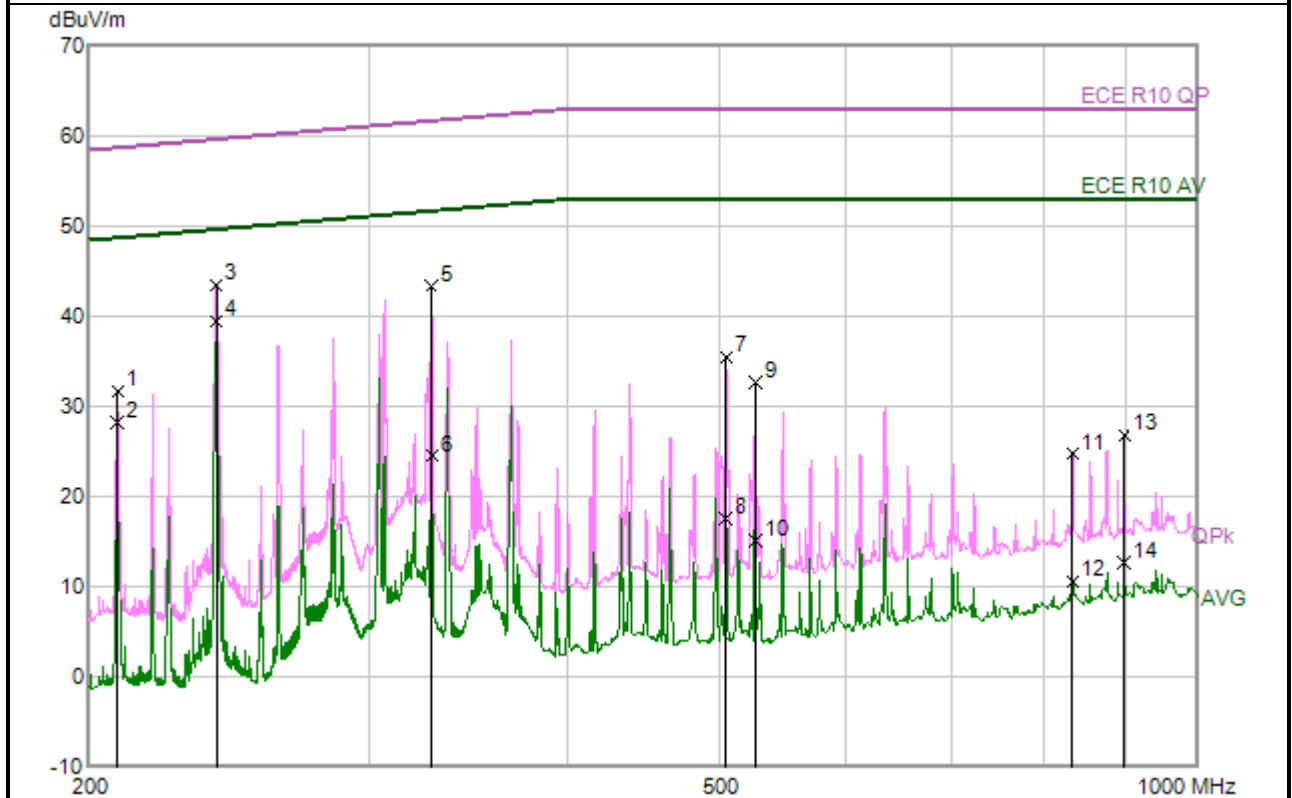
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	224.51	52.57	-16.31	36.26	59.2	22.94	QP
2	224.51	48.33	-16.31	32.02	49.2	17.18	AVG
3	240.56	68.64	-16.19	52.45	59.66	7.21	QP
4	240.56	64	-16.19	47.81	49.66	1.85	AVG
5	306.74	61.05	-14.32	46.73	61.26	14.53	QP
6	306.74	42.97	-14.32	28.65	51.26	22.61	AVG
7	438.2	48.9	-10.96	37.94	63	25.06	QP
8	438.2	30.7	-10.96	19.74	53	33.26	AVG
9	547.73	46.92	-10.36	36.56	63	26.44	QP
10	547.73	28.77	-10.36	18.41	53	34.59	AVG
11	744.92	30.32	-7.55	22.77	63	40.23	QP
12	744.92	17.17	-7.55	9.62	53	43.38	AVG
13	948.2	24.18	-4.01	20.17	63	42.83	QP
14	948.2	15.38	-4.01	11.37	53	41.63	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



28) Record No. 28 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



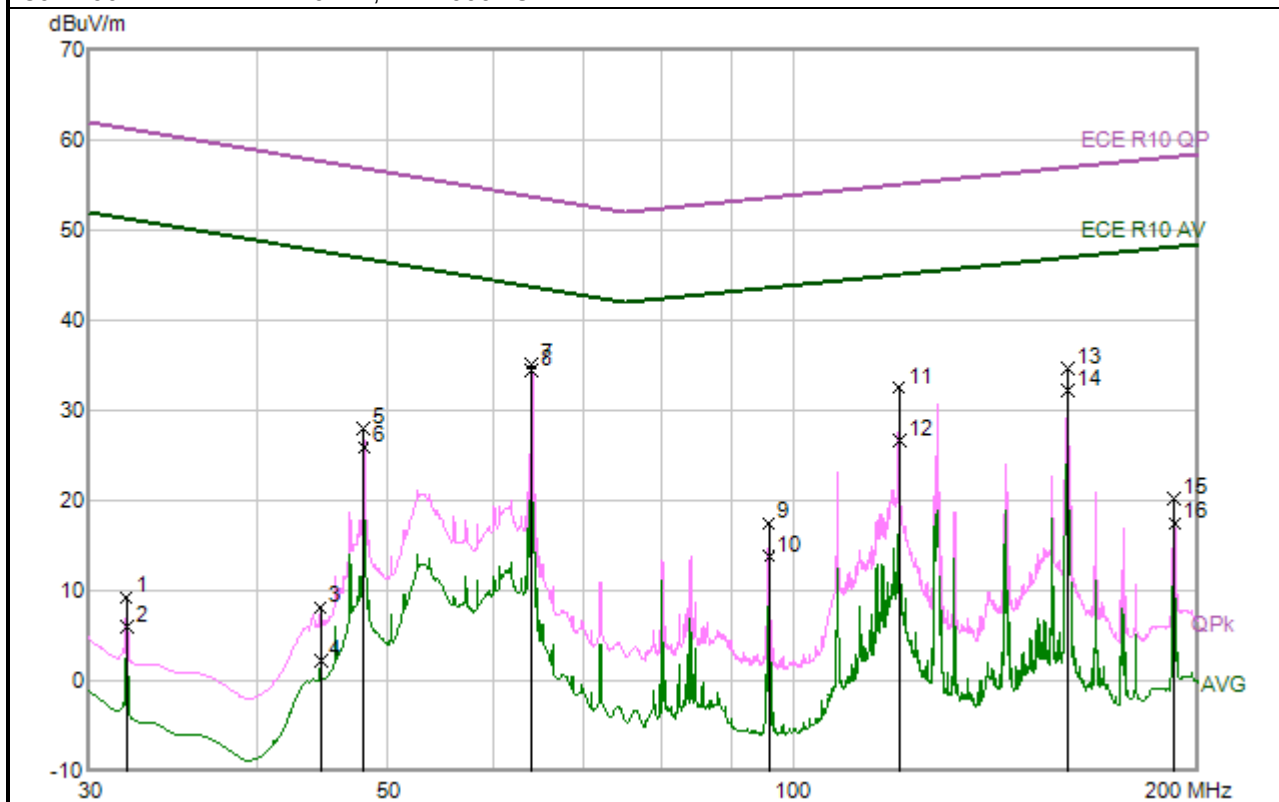
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	208.49	48.16	-16.45	31.71	58.72	27.01	QP
2	208.49	44.71	-16.45	28.26	48.72	20.46	AVG
3	240.56	59.67	-16.19	43.48	59.66	16.18	QP
4	240.56	55.67	-16.19	39.48	49.66	10.18	AVG
5	329.06	57.22	-13.86	43.36	61.72	18.36	QP
6	329.06	38.36	-13.86	24.5	51.72	27.22	AVG
7	504.32	46.01	-10.53	35.48	63	27.52	QP
8	504.32	28.09	-10.53	17.56	53	35.44	AVG
9	526.28	43.07	-10.44	32.63	63	30.37	QP
10	526.28	25.56	-10.44	15.12	53	37.88	AVG
11	833.96	30.48	-5.74	24.74	63	38.26	QP
12	833.96	16.3	-5.74	10.56	53	42.44	AVG
13	898.43	31.31	-4.49	26.82	63	36.18	QP
14	898.43	17.11	-4.49	12.62	53	40.38	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



29) Record No. 29 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



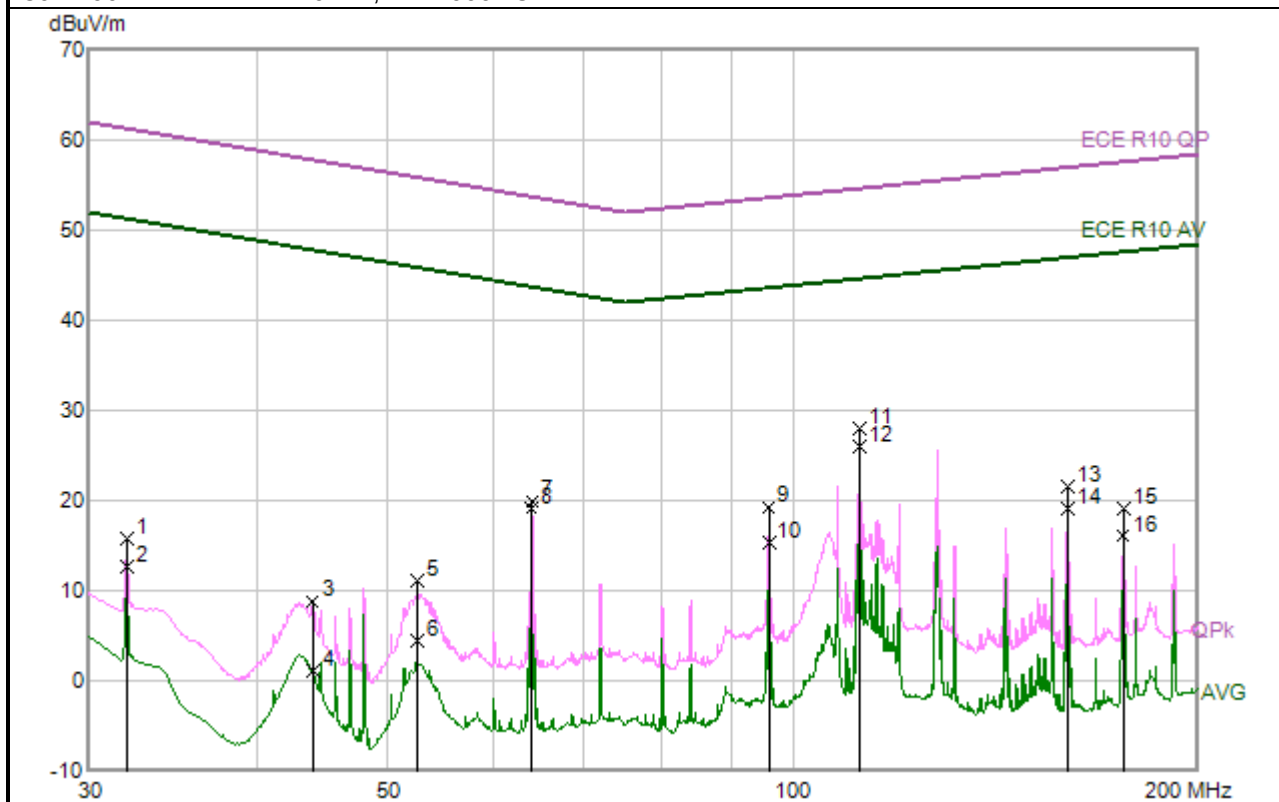
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.01	29.73	-20.5	9.23	61.29	52.06	QP
2	32.01	26.5	-20.5	6	51.29	45.29	AVG
3	44.58	28.62	-20.45	8.17	57.68	49.51	QP
4	44.58	22.66	-20.45	2.21	47.68	45.47	AVG
5	48	48.81	-20.82	27.99	56.87	28.88	QP
6	48	46.77	-20.82	25.95	46.87	20.92	AVG
7	64.02	57.15	-22	35.15	53.73	18.58	QP
8	64.02	56.45	-22	34.45	43.73	9.28	AVG
9	96	38.74	-21.23	17.51	53.62	36.11	QP
10	96	35.06	-21.23	13.83	43.62	29.79	AVG
11	119.97	52.29	-19.76	32.53	55.09	22.56	QP
12	119.97	46.39	-19.76	26.63	45.09	18.46	AVG
13	160.02	52.99	-18.26	34.73	56.98	22.25	QP
14	160.02	50.53	-18.26	32.27	46.98	14.71	AVG
15	192.03	36.14	-15.89	20.25	58.18	37.93	QP
16	192.03	33.36	-15.89	17.47	48.18	30.71	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



30) Record No. 30 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



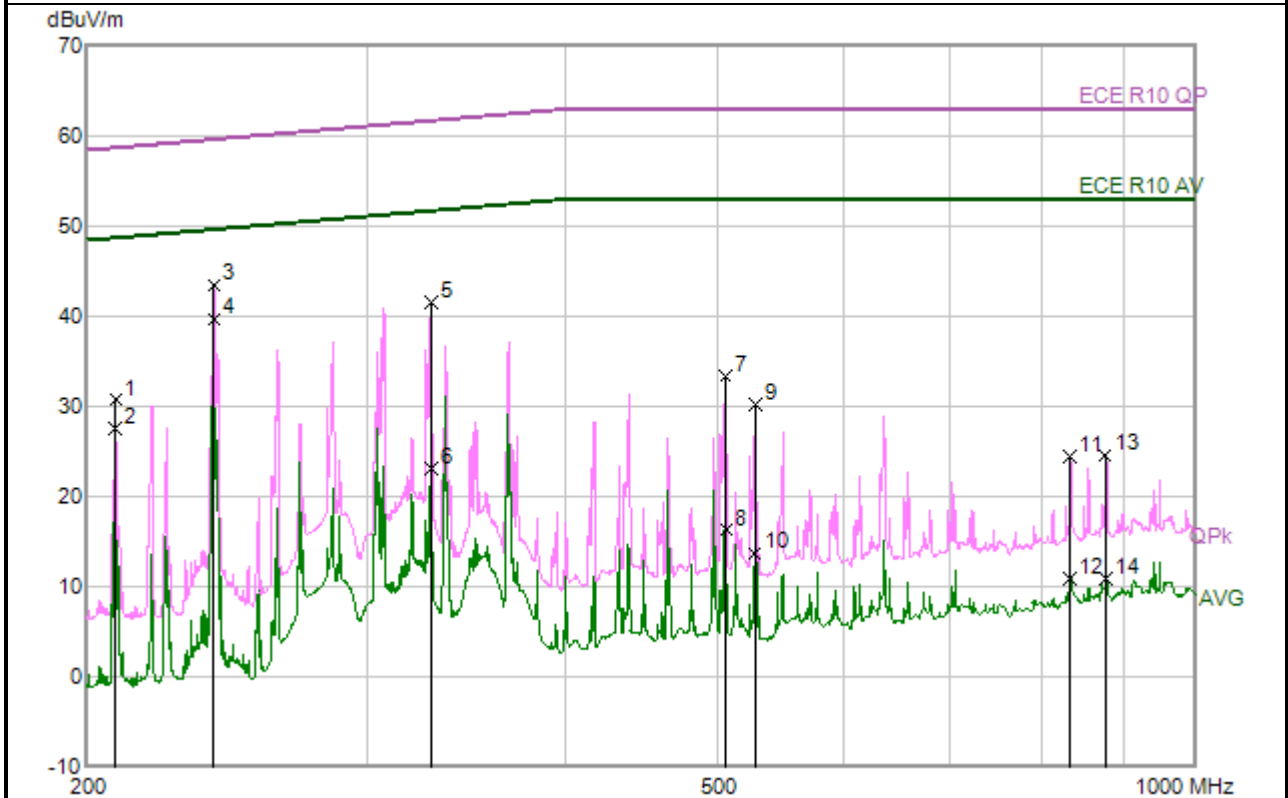
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.01	36.2	-20.5	15.7	61.29	45.59	QP
2	32.01	33.17	-20.5	12.67	51.29	38.62	AVG
3	44.01	29.2	-20.4	8.8	57.82	49.02	QP
4	44.01	21.49	-20.4	1.09	47.82	46.73	AVG
5	52.59	32.4	-21.3	11.1	55.87	44.77	QP
6	52.59	25.74	-21.3	4.44	45.87	41.43	AVG
7	64.02	41.94	-22	19.94	53.73	33.79	QP
8	64.02	41.15	-22	19.15	43.73	24.58	AVG
9	96	40.48	-21.23	19.25	53.62	34.37	QP
10	96	36.56	-21.23	15.33	43.62	28.29	AVG
11	112.05	47.97	-19.95	28.02	54.64	26.62	QP
12	112.05	45.98	-19.95	26.03	44.64	18.61	AVG
13	160.05	39.76	-18.26	21.5	56.98	35.48	QP
14	160.05	37.41	-18.26	19.15	46.98	27.83	AVG
15	176.04	36.41	-17.32	19.09	57.61	38.52	QP
16	176.04	33.39	-17.32	16.07	47.61	31.54	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



31) Record No. 31 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



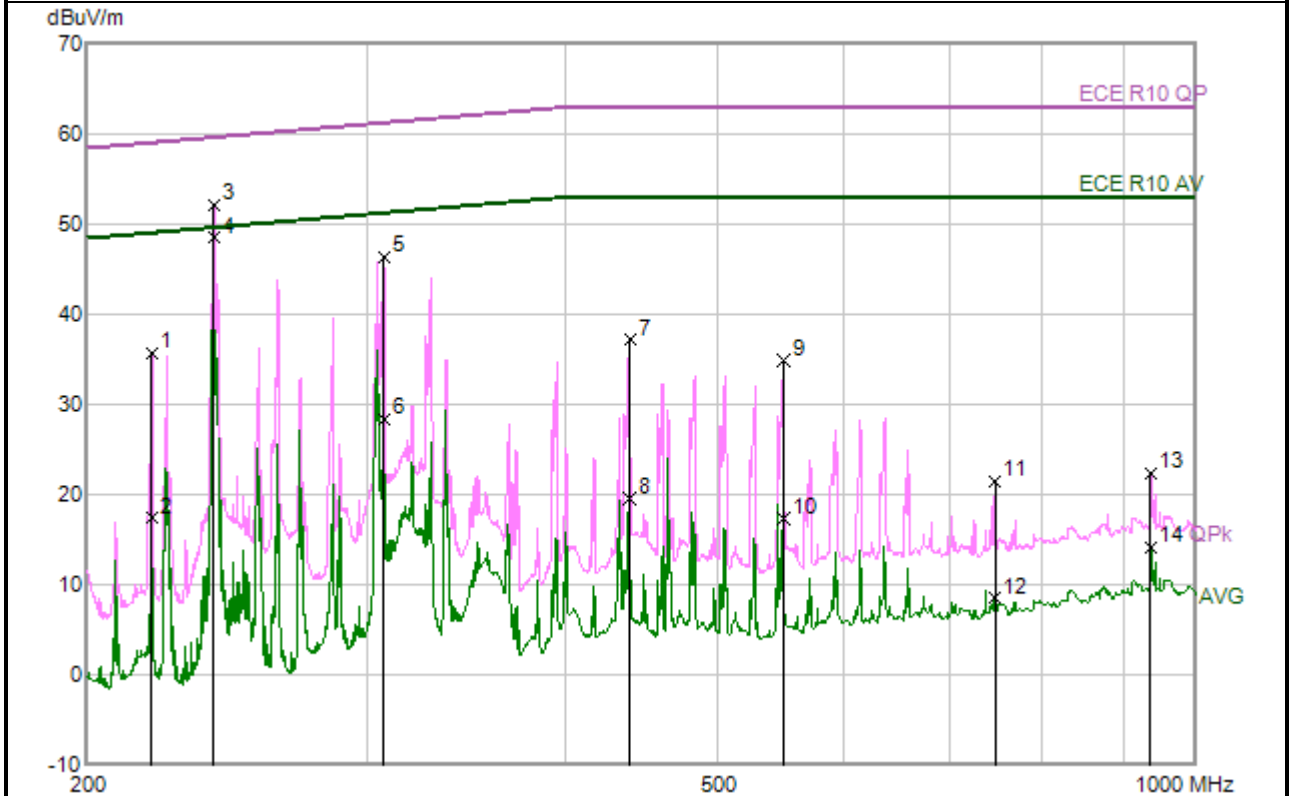
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	208.4	47.22	-16.45	30.77	58.72	27.95	QP
2	208.4	44.05	-16.45	27.6	48.72	21.12	AVG
3	240.47	59.65	-16.19	43.46	59.66	16.2	QP
4	240.47	55.95	-16.19	39.76	49.66	9.9	AVG
5	329.66	55.4	-13.84	41.56	61.73	20.17	QP
6	329.66	36.9	-13.84	23.06	51.73	28.67	AVG
7	505.52	43.94	-10.53	33.41	63	29.59	QP
8	505.52	26.84	-10.53	16.31	53	36.69	AVG
9	527.45	40.62	-10.44	30.18	63	32.82	QP
10	527.45	24.14	-10.44	13.7	53	39.3	AVG
11	833.03	30.21	-5.75	24.46	63	38.54	QP
12	833.03	16.62	-5.75	10.87	53	42.13	AVG
13	876.8	29.51	-4.92	24.59	63	38.41	QP
14	876.8	15.77	-4.92	10.85	53	42.15	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



32) Record No. 32 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



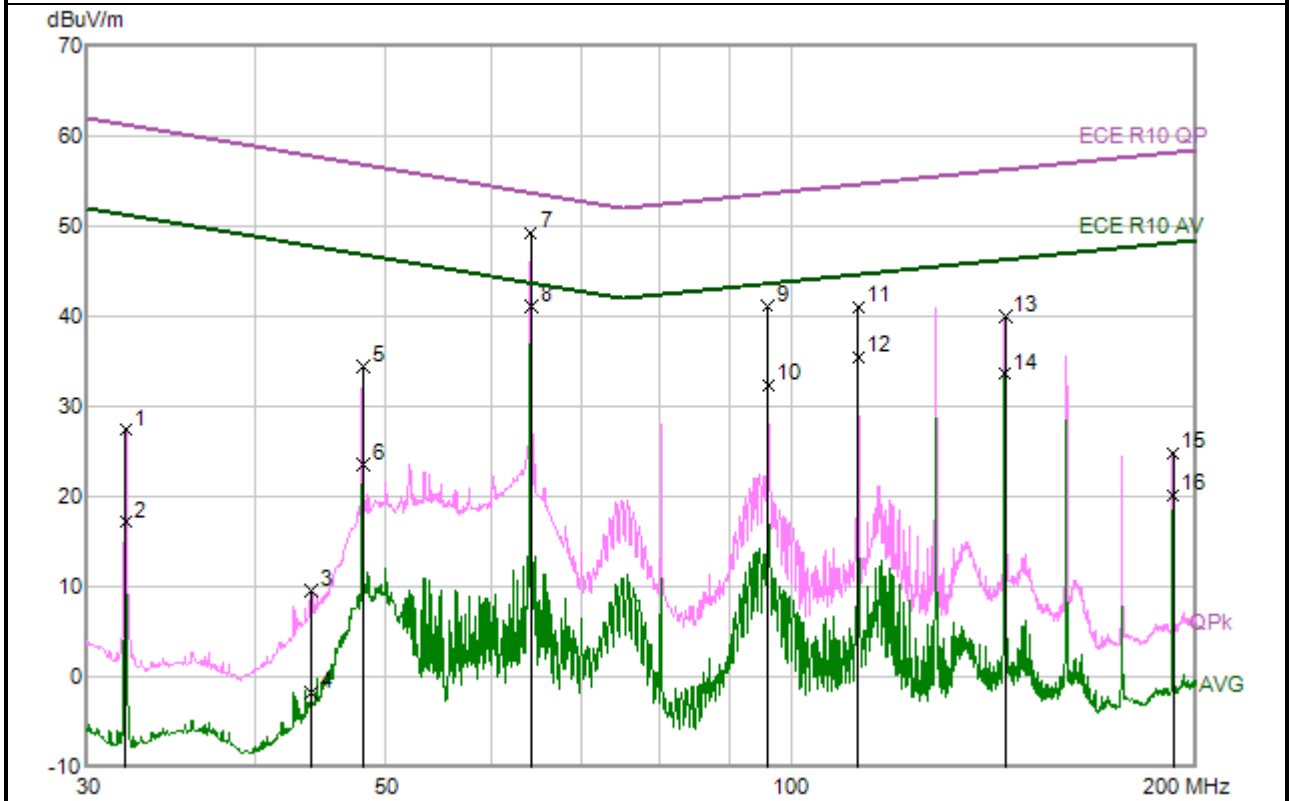
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	219.77	52.08	-16.35	35.73	59.06	23.33	QP
2	219.77	33.77	-16.35	17.42	49.06	31.64	AVG
3	240.5	68.34	-16.19	52.15	59.66	7.51	QP
4	240.5	64.74	-16.19	48.55	49.66	1.11	AVG
5	307.7	60.66	-14.3	46.36	61.28	14.92	QP
6	307.7	42.68	-14.3	28.38	51.28	22.9	AVG
7	439.67	48.11	-10.91	37.2	63	25.8	QP
8	439.67	30.46	-10.91	19.55	53	33.45	AVG
9	549.5	45.33	-10.36	34.97	63	28.03	QP
10	549.5	27.62	-10.36	17.26	53	35.74	AVG
11	747.2	28.99	-7.53	21.46	63	41.54	QP
12	747.2	16.03	-7.53	8.5	53	44.5	AVG
13	936.59	26.5	-4.12	22.38	63	40.62	QP
14	936.59	18.34	-4.12	14.22	53	38.78	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



33) Record No. 33 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



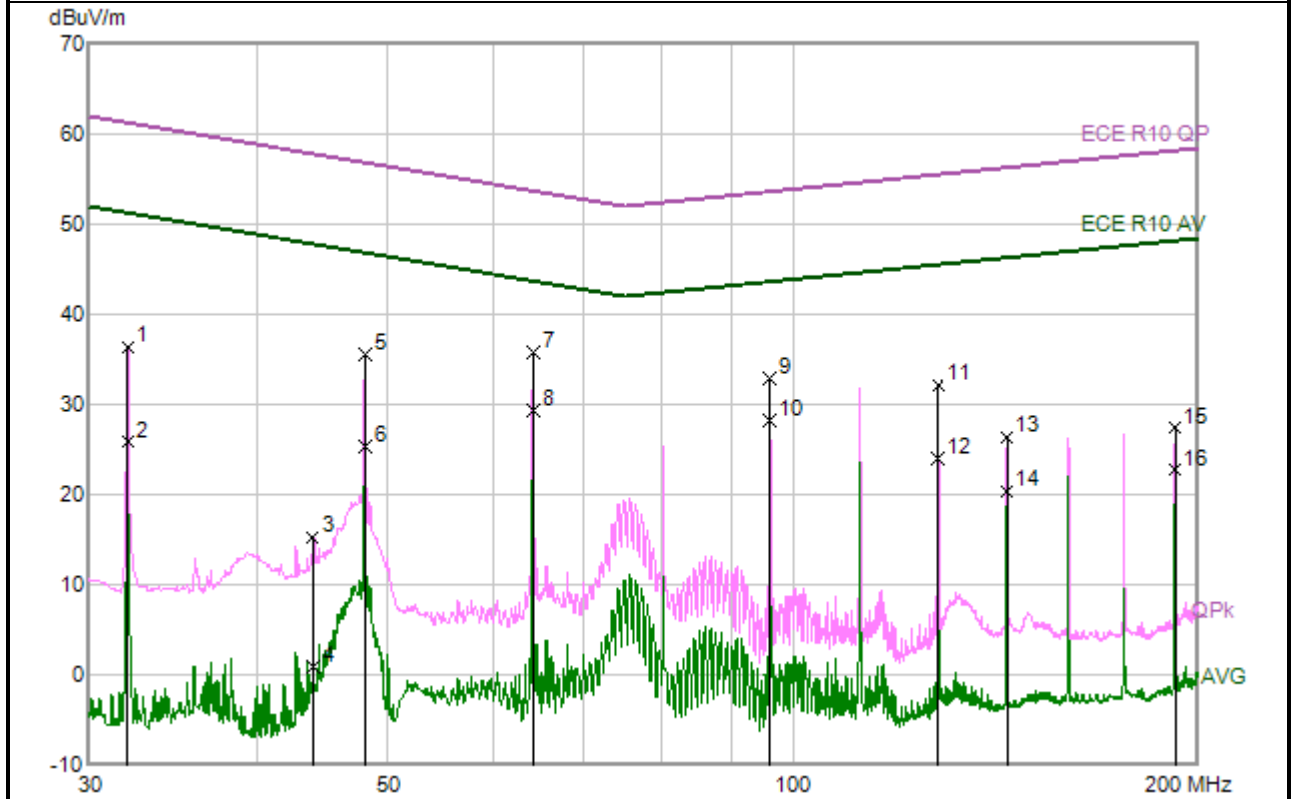
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.07	47.91	-20.49	27.42	61.27	33.85	QP
2	32.07	37.7	-20.49	17.21	51.27	34.06	AVG
3	44.01	30.01	-20.4	9.61	57.82	48.21	QP
4	44.01	18.68	-20.4	-1.72	47.82	49.54	AVG
5	48.09	55.28	-20.83	34.45	56.85	22.4	QP
6	48.09	44.42	-20.83	23.59	46.85	23.26	AVG
7	64.11	71.25	-22	49.25	53.71	4.46	QP
8	64.11	63.09	-22	41.09	43.71	2.62	AVG
9	96.18	62.41	-21.23	41.18	53.63	12.45	QP
10	96.18	53.61	-21.23	32.38	43.63	11.25	AVG
11	112.2	60.99	-19.95	41.04	54.65	13.61	QP
12	112.2	55.4	-19.95	35.45	44.65	9.2	AVG
13	144.27	59.1	-19.08	40.02	56.3	16.28	QP
14	144.27	52.69	-19.08	33.61	46.3	12.69	AVG
15	192.33	40.69	-15.89	24.8	58.19	33.39	QP
16	192.33	36.07	-15.89	20.18	48.19	28.01	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



34) Record No. 34 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



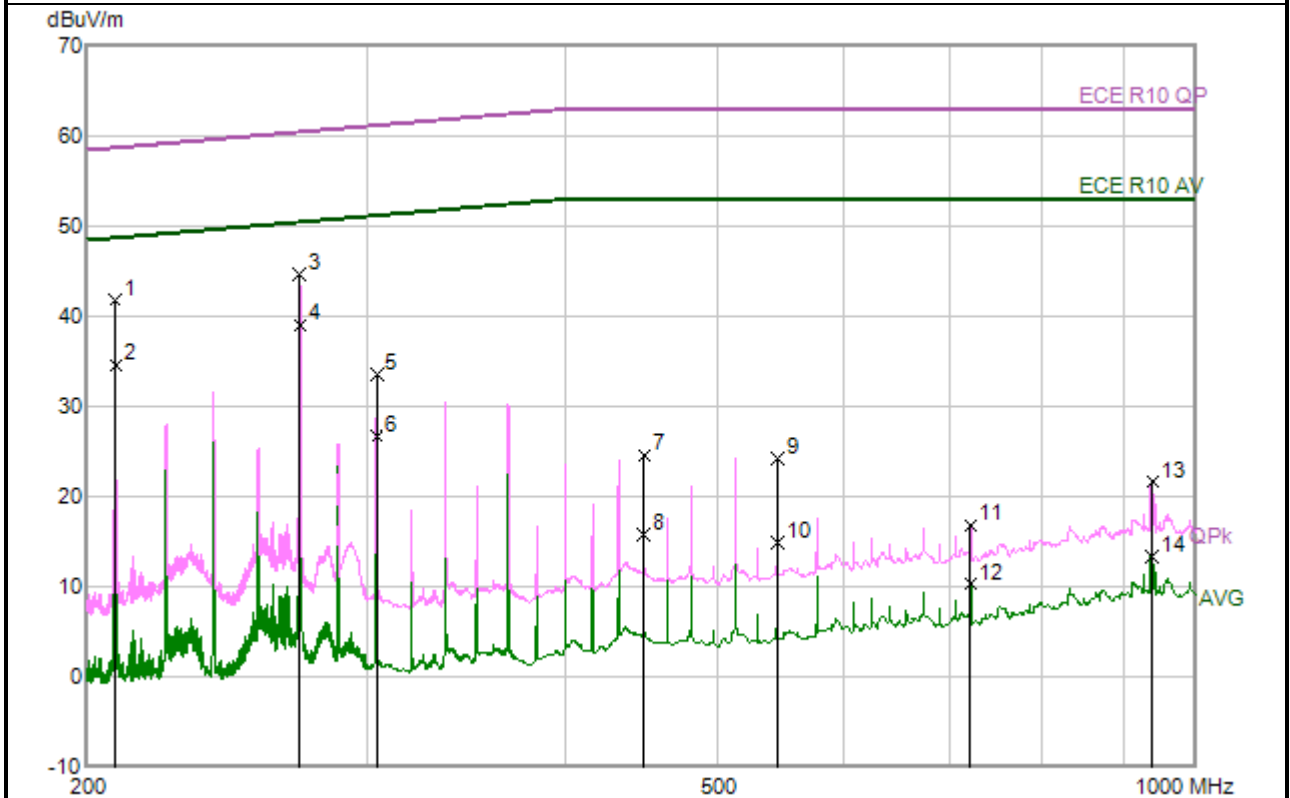
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.07	56.97	-20.6	36.37	61.27	24.9	QP
2	32.07	46.45	-20.6	25.85	51.27	25.42	AVG
3	44.01	36.23	-21	15.23	57.82	42.59	QP
4	44.01	21.89	-21	0.89	47.82	46.93	AVG
5	48.09	56.95	-21.33	35.62	56.85	21.23	QP
6	48.09	46.63	-21.33	25.3	46.85	21.55	AVG
7	64.14	57.39	-21.61	35.78	53.71	17.93	QP
8	64.14	51	-21.61	29.39	43.71	14.32	AVG
9	96.18	53.81	-20.91	32.9	53.63	20.73	QP
10	96.18	49.12	-20.91	28.21	43.63	15.42	AVG
11	128.25	51.91	-19.74	32.17	55.53	23.36	QP
12	128.25	43.71	-19.74	23.97	45.53	21.56	AVG
13	144.27	45.04	-18.61	26.43	56.3	29.87	QP
14	144.27	38.98	-18.61	20.37	46.3	25.93	AVG
15	192.36	43.6	-16.19	27.41	58.19	30.78	QP
16	192.36	38.94	-16.19	22.75	48.19	25.44	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



35) Record No. 35 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



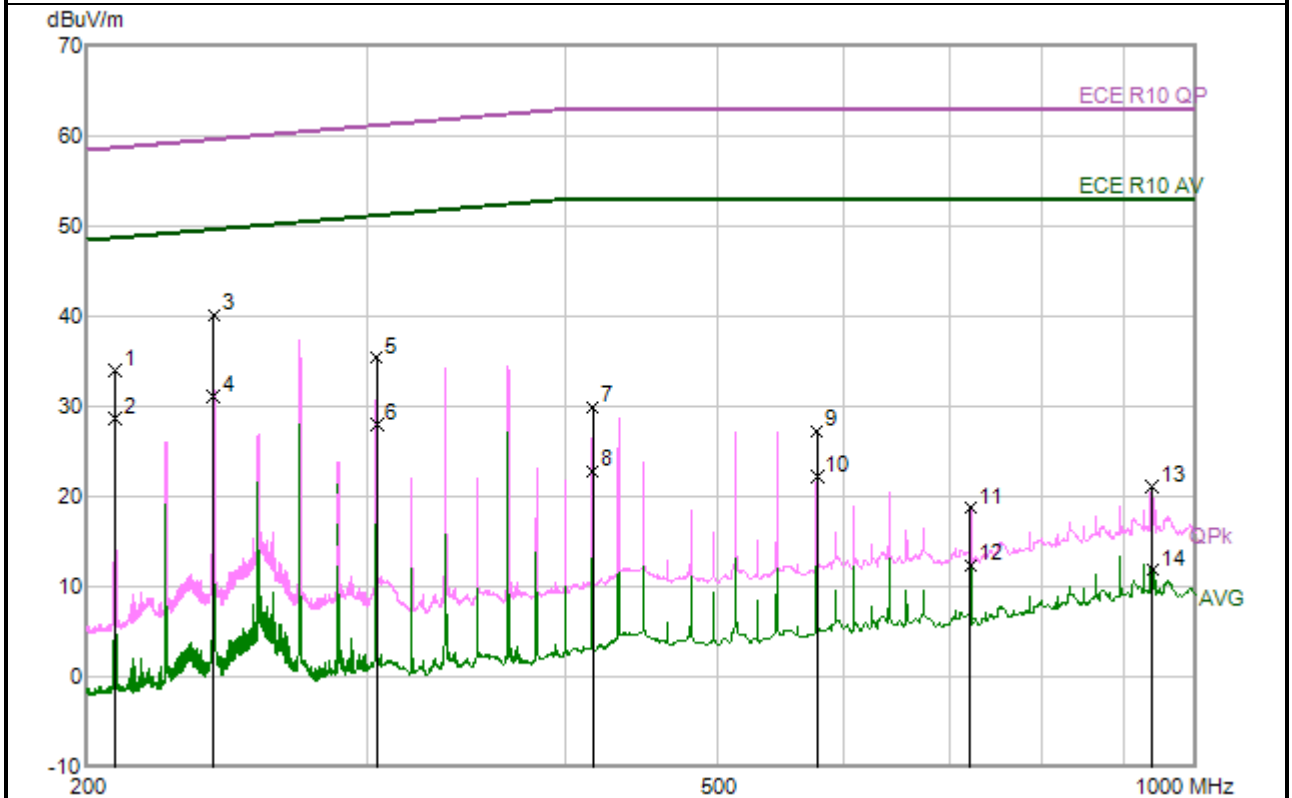
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	208.34	58.33	-16.45	41.88	58.71	16.83	QP
2	208.34	51.01	-16.45	34.56	48.71	14.15	AVG
3	272.45	60.02	-15.34	44.68	60.48	15.8	QP
4	272.45	54.4	-15.34	39.06	50.48	11.42	AVG
5	304.52	47.9	-14.37	33.53	61.21	27.68	QP
6	304.52	41.1	-14.37	26.73	51.21	24.48	AVG
7	448.73	35.16	-10.58	24.58	63	38.42	QP
8	448.73	26.31	-10.58	15.73	53	37.27	AVG
9	544.91	34.59	-10.37	24.22	63	38.78	QP
10	544.91	25.29	-10.37	14.92	53	38.08	AVG
11	721.19	24.62	-7.78	16.84	63	46.16	QP
12	721.19	18.07	-7.78	10.29	53	42.71	AVG
13	938.69	25.75	-4.1	21.65	63	41.35	QP
14	938.69	17.47	-4.1	13.37	53	39.63	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



36) Record No. 36 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



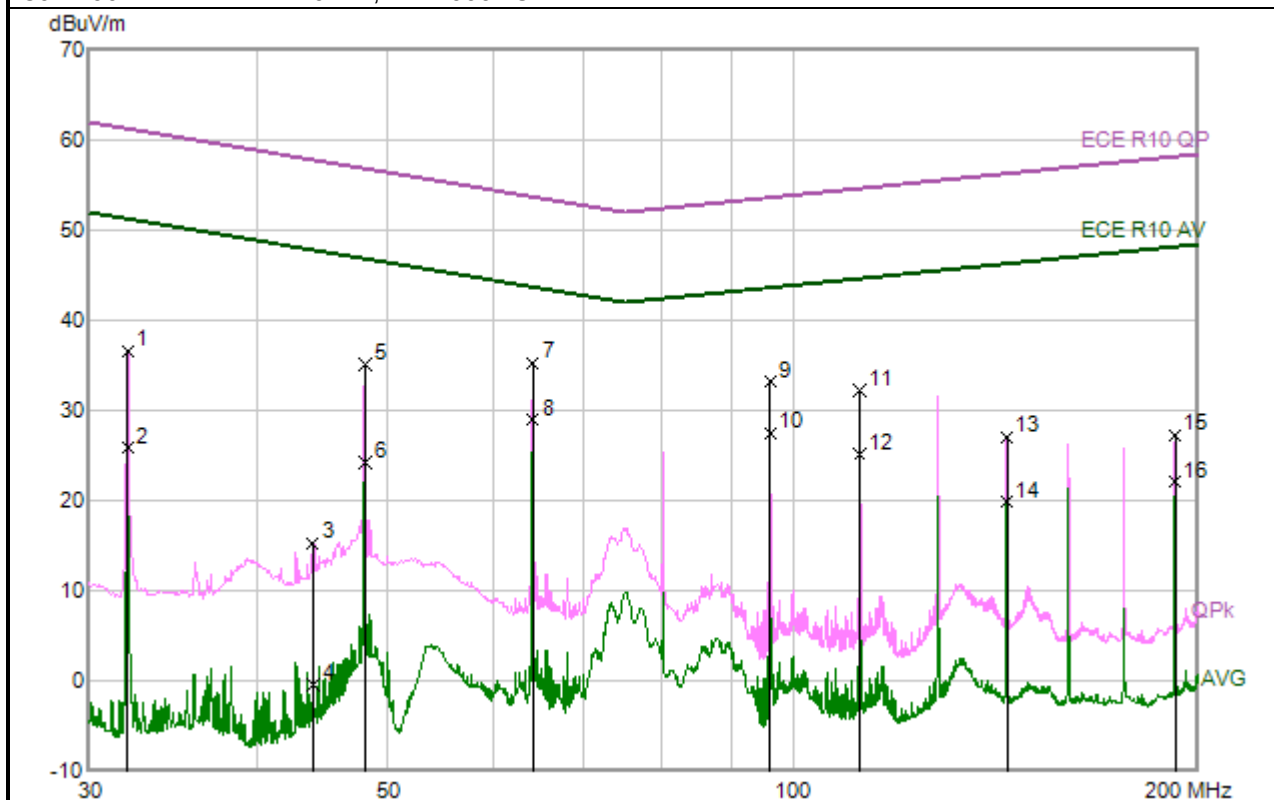
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	208.31	50.39	-16.45	33.94	58.71	24.77	QP
2	208.31	45.12	-16.45	28.67	48.71	20.04	AVG
3	240.38	56.34	-16.19	40.15	59.65	19.5	QP
4	240.38	47.34	-16.19	31.15	49.65	18.5	AVG
5	304.43	49.76	-14.37	35.39	61.21	25.82	QP
6	304.43	42.37	-14.37	28	51.21	23.21	AVG
7	416.63	41.74	-11.77	29.97	63	33.03	QP
8	416.63	34.59	-11.77	22.82	53	30.18	AVG
9	576.89	36.78	-9.55	27.23	63	35.77	QP
10	576.89	31.75	-9.55	22.2	53	30.8	AVG
11	721.19	26.55	-7.78	18.77	63	44.23	QP
12	721.19	20.22	-7.78	12.44	53	40.56	AVG
13	938.69	25.24	-4.1	21.14	63	41.86	QP
14	938.69	15.96	-4.1	11.86	53	41.14	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



37) Record No. 37 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



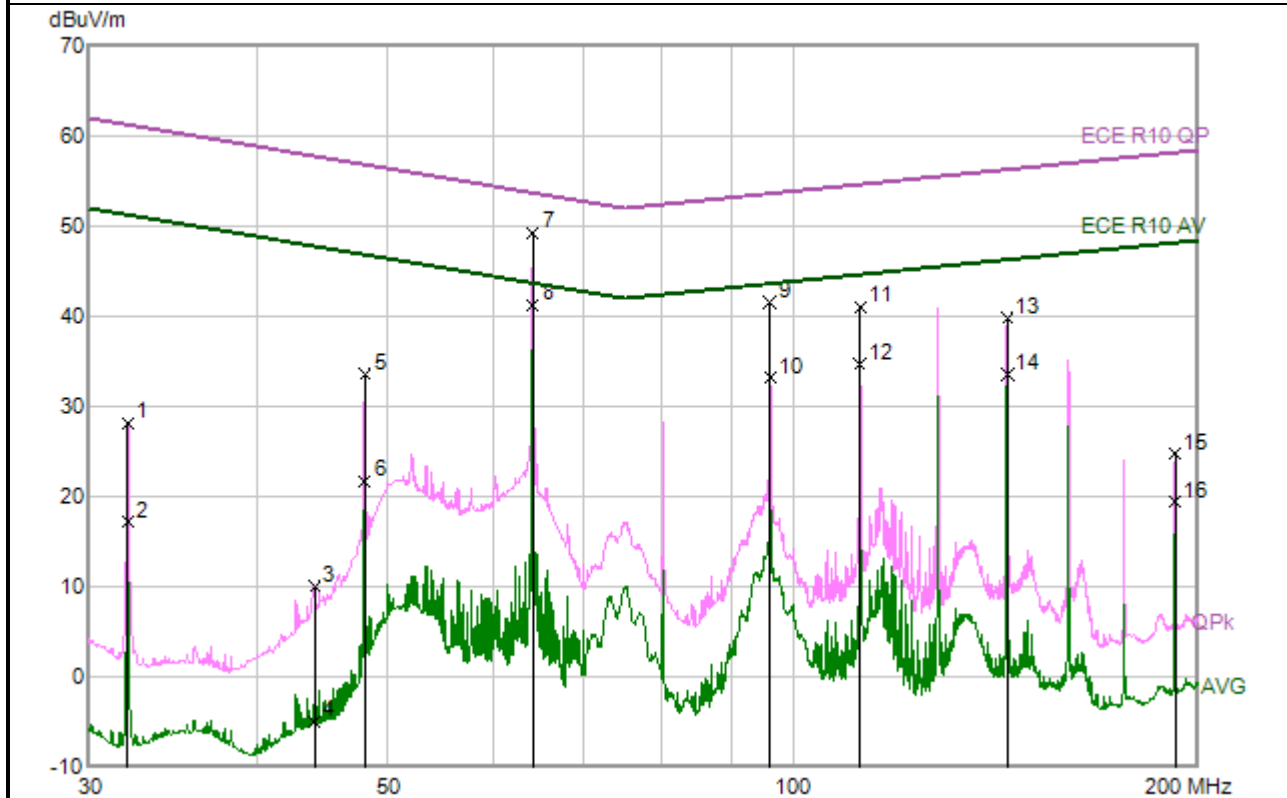
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.07	57.18	-20.6	36.58	61.27	24.69	QP
2	32.07	46.4	-20.6	25.8	51.27	25.47	AVG
3	44.01	36.24	-21	15.24	57.82	42.58	QP
4	44.01	20.54	-21	-0.46	47.82	48.28	AVG
5	48.09	56.41	-21.33	35.08	56.85	21.77	QP
6	48.09	45.58	-21.33	24.25	46.85	22.6	AVG
7	64.11	56.87	-21.61	35.26	53.71	18.45	QP
8	64.11	50.61	-21.61	29	43.71	14.71	AVG
9	96.18	54.13	-20.91	33.22	53.63	20.41	QP
10	96.18	48.39	-20.91	27.48	43.63	16.15	AVG
11	112.2	52.5	-20.25	32.25	54.65	22.4	QP
12	112.2	45.42	-20.25	25.17	44.65	19.48	AVG
13	144.27	45.68	-18.61	27.07	56.3	29.23	QP
14	144.27	38.45	-18.61	19.84	46.3	26.46	AVG
15	192.33	43.45	-16.19	27.26	58.19	30.93	QP
16	192.33	38.3	-16.19	22.11	48.19	26.08	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



38) Record No. 38 (30 - 200MHz)

30 - 200MHz: RBW = 120kHz, MT=1000ms



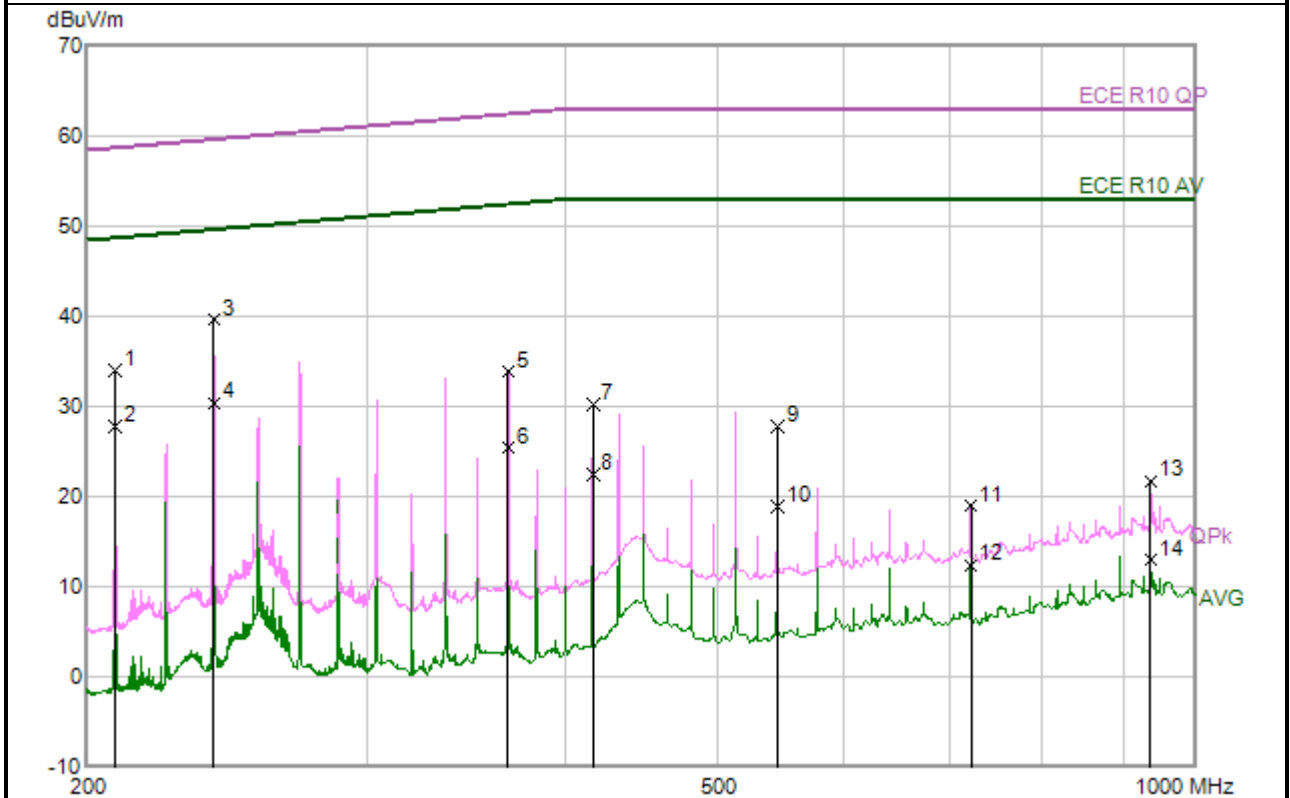
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	32.07	48.62	-20.49	28.13	61.27	33.14	QP
2	32.07	37.69	-20.49	17.2	51.27	34.07	AVG
3	44.13	30.47	-20.41	10.06	57.79	47.73	QP
4	44.13	15.45	-20.41	-4.96	47.79	52.75	AVG
5	48.09	54.46	-20.83	33.63	56.85	23.22	QP
6	48.09	42.51	-20.83	21.68	46.85	25.17	AVG
7	64.11	71.24	-22	49.24	53.71	4.47	QP
8	64.11	63.23	-22	41.23	43.71	2.48	AVG
9	96.18	62.79	-21.23	41.56	53.63	12.07	QP
10	96.18	54.44	-21.23	33.21	43.63	10.42	AVG
11	112.23	60.99	-19.95	41.04	54.65	13.61	QP
12	112.23	54.67	-19.95	34.72	44.65	9.93	AVG
13	144.27	58.89	-19.08	39.81	56.3	16.49	QP
14	144.27	52.64	-19.08	33.56	46.3	12.74	AVG
15	192.36	40.65	-15.89	24.76	58.19	33.43	QP
16	192.36	35.3	-15.89	19.41	48.19	28.78	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



39) Record No. 39 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



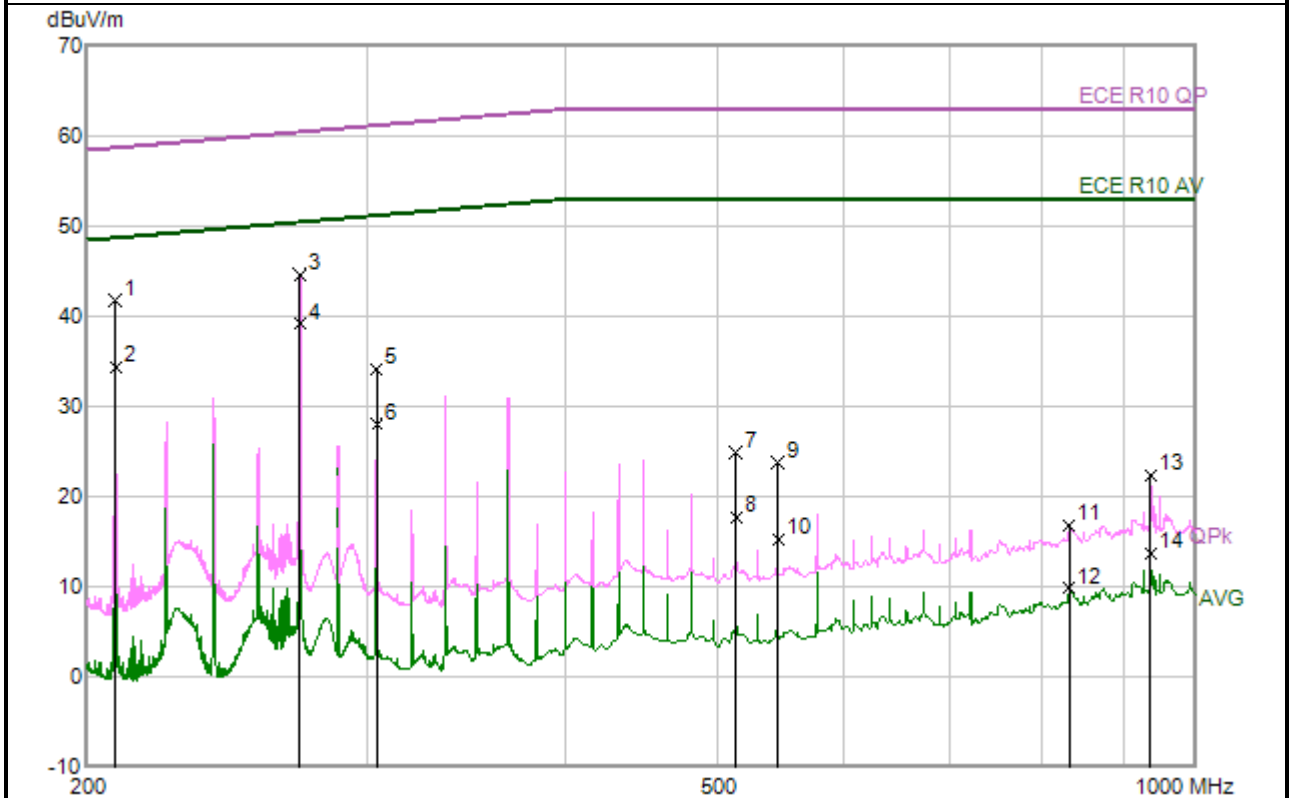
No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	208.34	50.45	-16.45	34	58.71	24.71	QP
2	208.34	44.26	-16.45	27.81	48.71	20.9	AVG
3	240.41	55.83	-16.19	39.64	59.65	20.01	QP
4	240.41	46.55	-16.19	30.36	49.65	19.29	AVG
5	368.6	46.86	-13.05	33.81	62.46	28.65	QP
6	368.6	38.42	-13.05	25.37	52.46	27.09	AVG
7	416.69	42.03	-11.77	30.26	63	32.74	QP
8	416.69	34.25	-11.77	22.48	53	30.52	AVG
9	544.85	38.1	-10.37	27.73	63	35.27	QP
10	544.85	29.33	-10.37	18.96	53	34.04	AVG
11	721.25	26.76	-7.78	18.98	63	44.02	QP
12	721.25	20.18	-7.78	12.4	53	40.6	AVG
13	936.56	25.84	-4.12	21.72	63	41.28	QP
14	936.56	17.12	-4.12	13	53	40	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



40) Record No. 40 (200 - 1000MHz)

200 - 1000MHz: RBW = 120kHz, MT=1000ms



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	208.37	58.16	-16.45	41.71	58.71	17	QP
2	208.37	50.81	-16.45	34.36	48.71	14.35	AVG
3	272.48	60.01	-15.34	44.67	60.48	15.81	QP
4	272.48	54.53	-15.34	39.19	50.48	11.29	AVG
5	304.52	48.55	-14.37	34.18	61.21	27.03	QP
6	304.52	42.43	-14.37	28.06	51.21	23.15	AVG
7	512.9	35.4	-10.5	24.9	63	38.1	QP
8	512.9	28.17	-10.5	17.67	53	35.33	AVG
9	544.91	34.22	-10.37	23.85	63	39.15	QP
10	544.91	25.6	-10.37	15.23	53	37.77	AVG
11	832.01	22.6	-5.77	16.83	63	46.17	QP
12	832.01	15.65	-5.77	9.88	53	43.12	AVG
13	936.56	26.53	-4.12	22.41	63	40.59	QP
14	936.56	17.8	-4.12	13.68	53	39.32	AVG

Note: Result =Reading + Correct Factor, Margin =Limit-Result



6.2 Conducted transient disturbances

Test Requirement: ECE R10.06
Test Method: ISO 7637-2:2004

Limit:

Table – Limits of transient disturbances

	Maximum allowed pulse amplitude for	
Polarity of pulse amplitude	Vehicles 12V systems	Vehicles 24V systems
Positive	+75	+150
Negative	-100	-450

6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 24.5 °C Humidity: 50.6 % RH Atmospheric Pressure: 1020 mbar

6.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	1#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode(CR50X)
Pre-scan	01	1#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR50X)
Final test	02	1#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR50X)
Pre-scan	03	1#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR50X)
Final test	04	2#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode(CR65)
Pre-scan	05	2#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR65)
Final test	06	2#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Pre-scan	07	2#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Final test	08	3#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode(CR65)



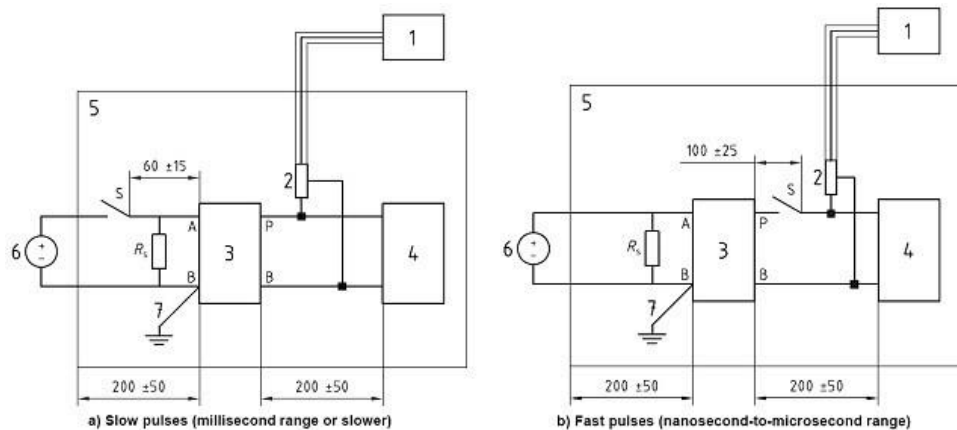
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中国·深圳·宝安区福永街道新田社区凤塘大道50号鑫龙科技工业园A栋105室 邮编: 518103 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

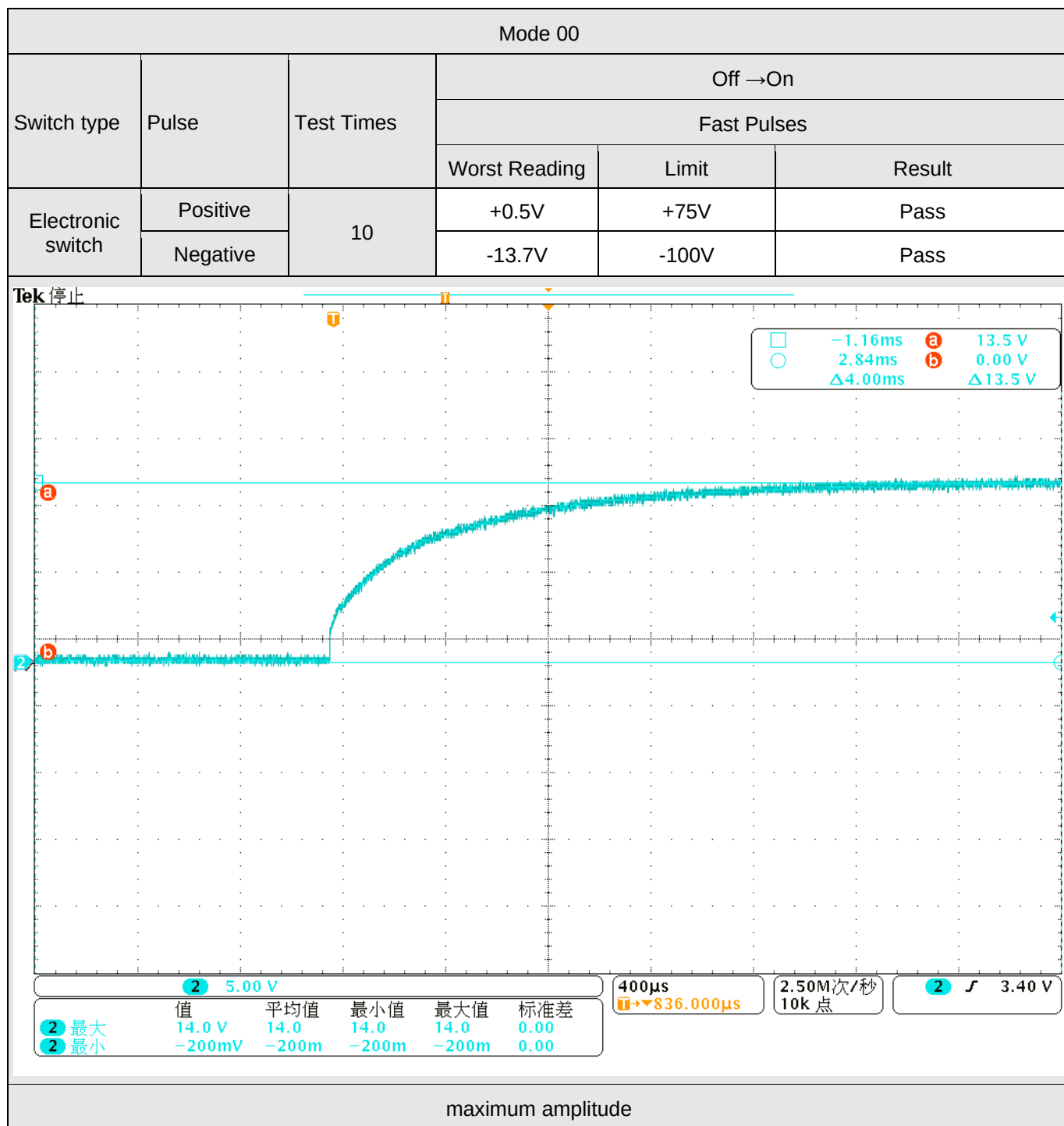
Pre-scan	09	3#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR65)
Final test	10	3#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Pre-scan	11	3#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Final test	12	4#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode(CR90)
Pre-scan	13	4#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR90)
Final test	14	4#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90)
Pre-scan	15	4#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90)
Final test	16	5#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode(CR90X)
Pre-scan	17	5#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR90X)
Final test	18	5#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90X)
Pre-scan	19	5#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90X)

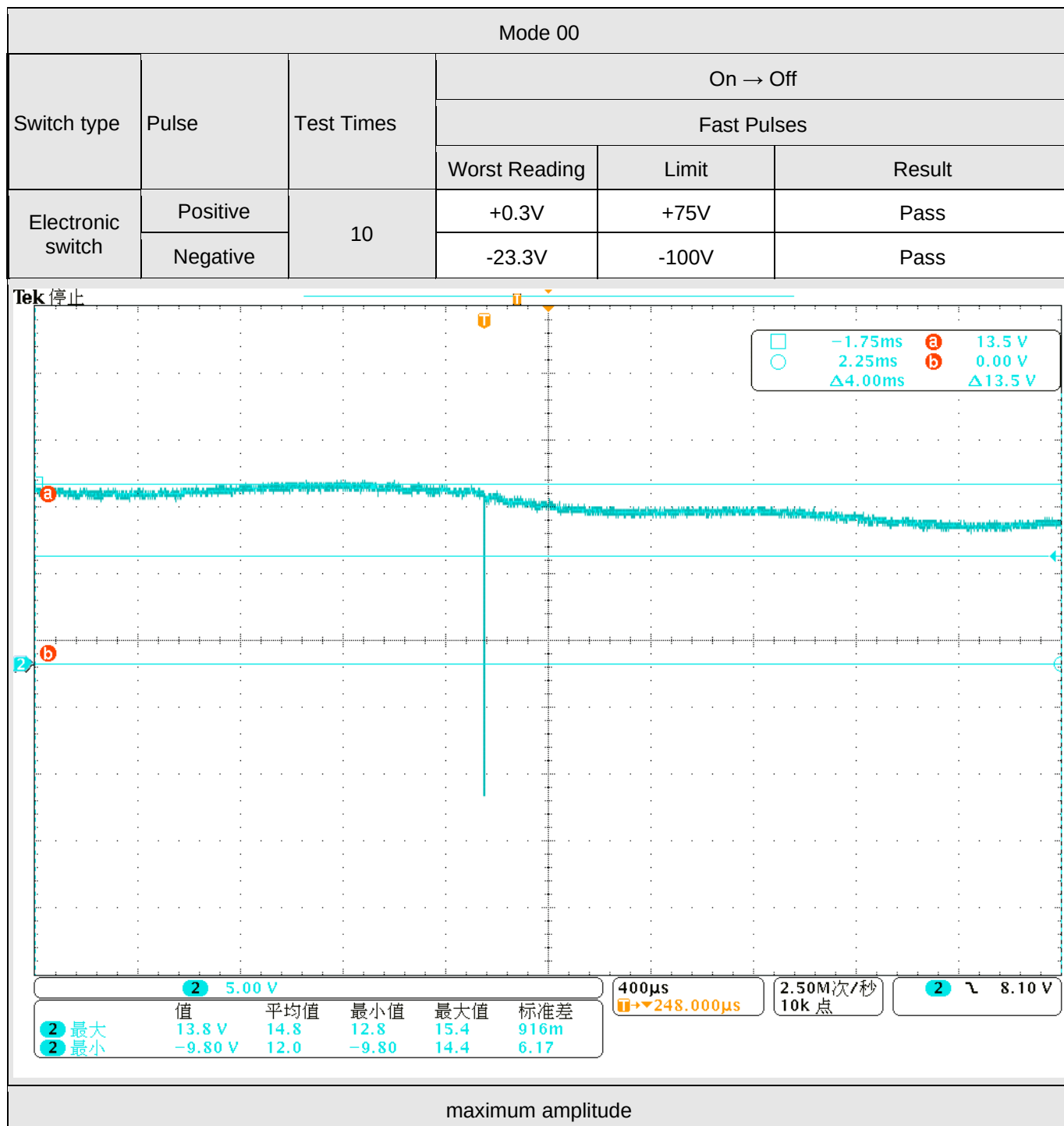
6.2.3 Test Setup Diagram

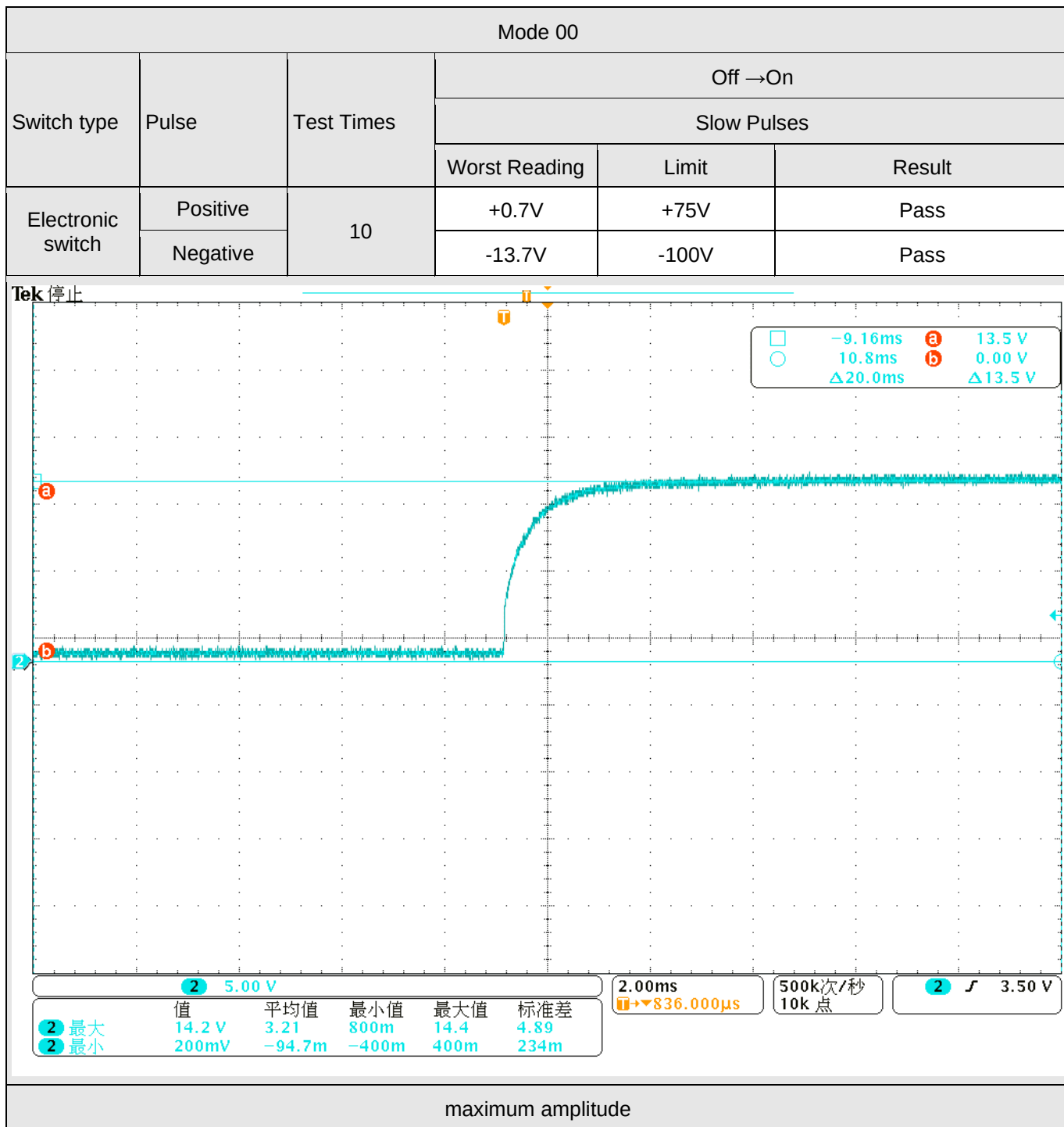


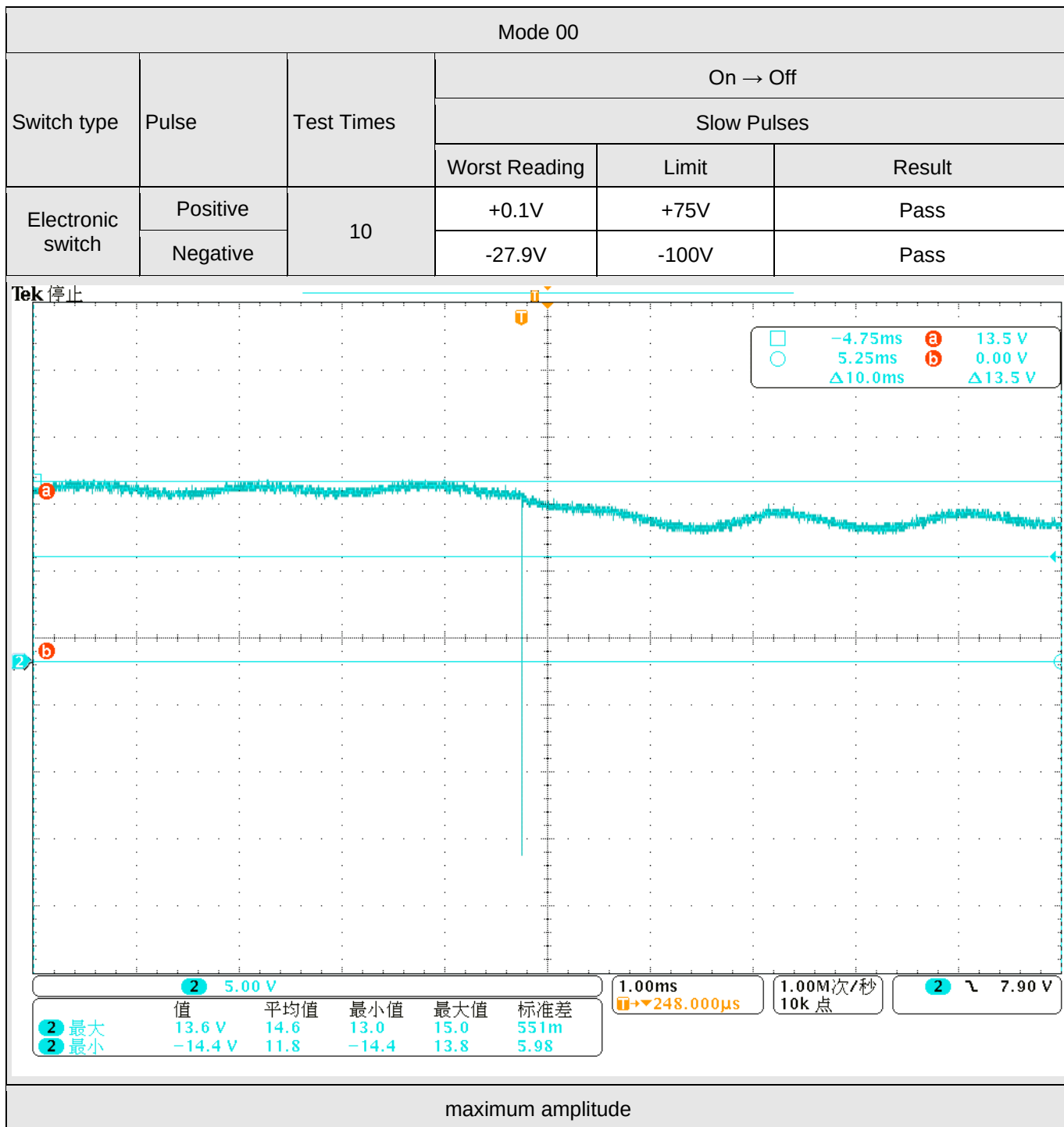
Key	
1. oscilloscope	5. ground plane
2. voltage probe	6. power supply
3. artificial network	7. Ground connection; length 100 mm
4. EUT(source of transient)	

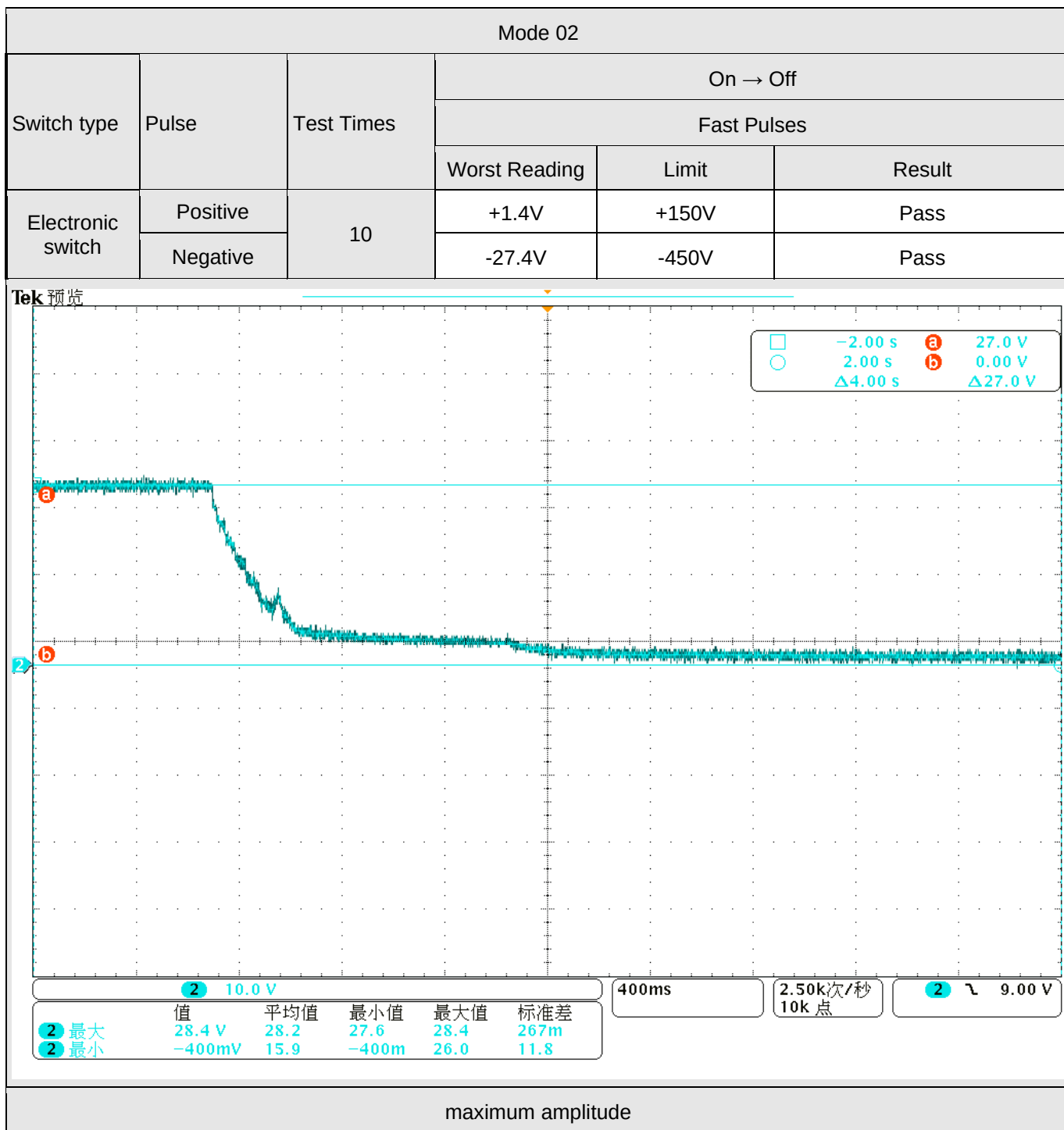
6.2.4 Measurement Procedure and Data

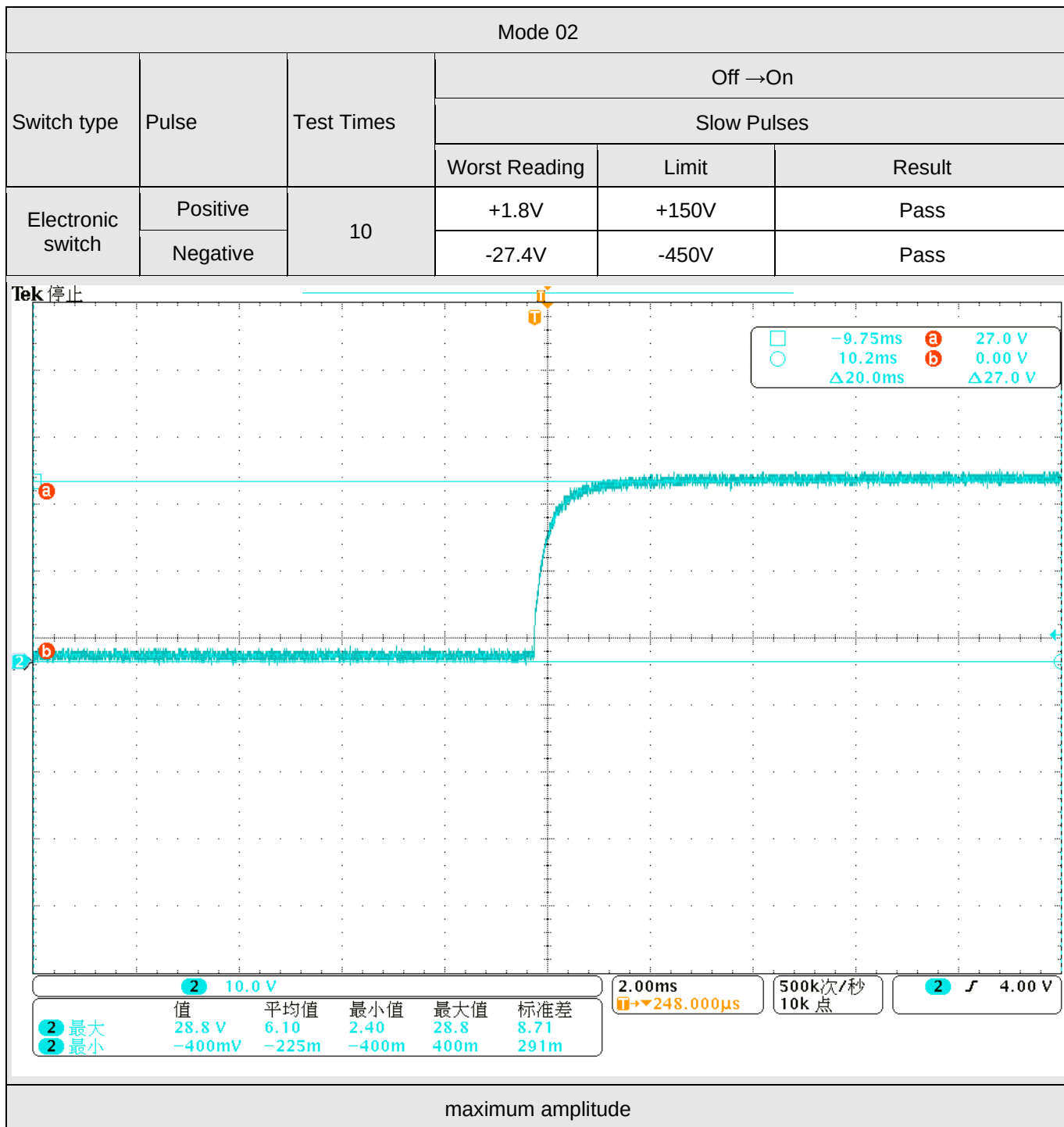


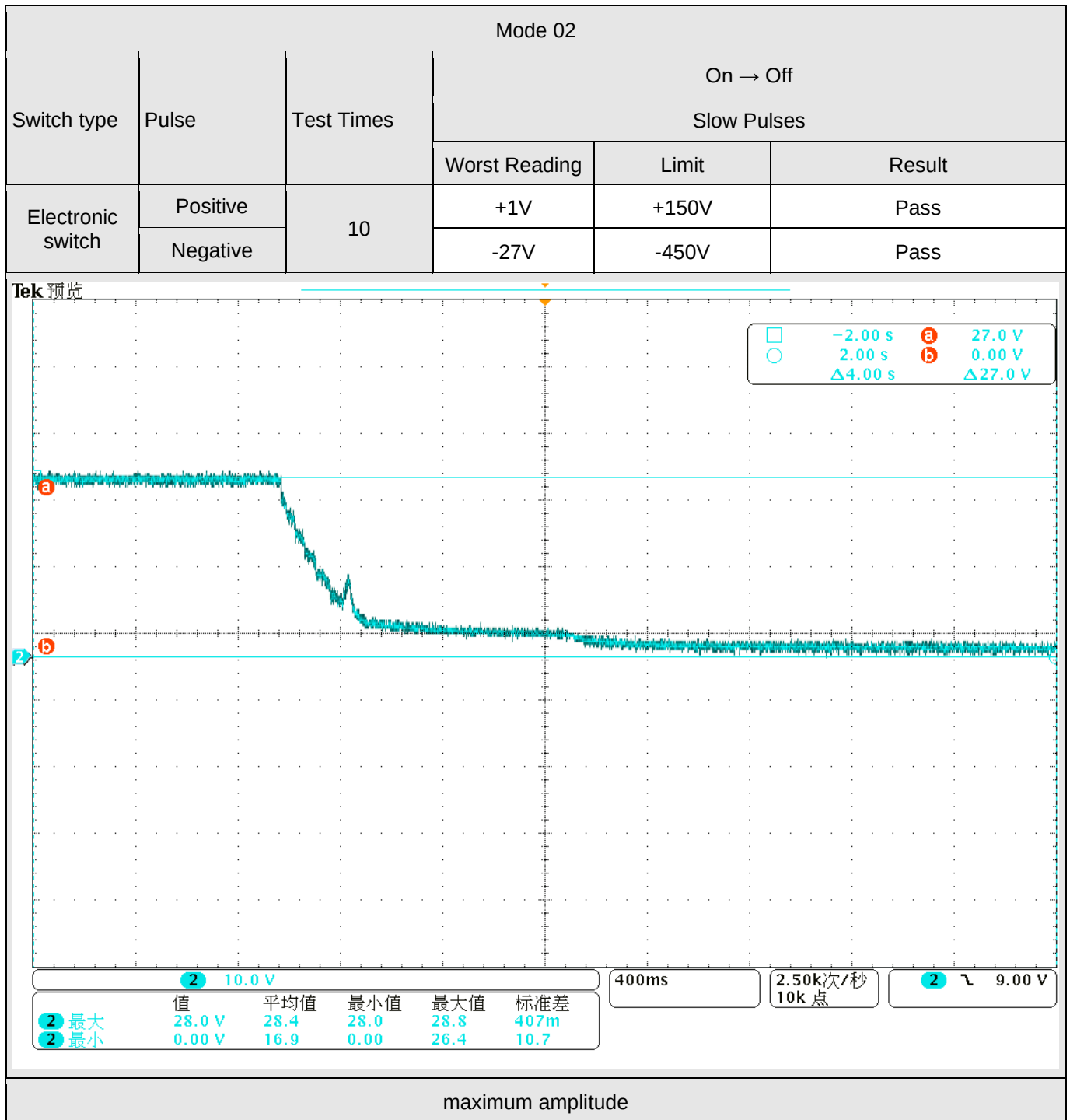






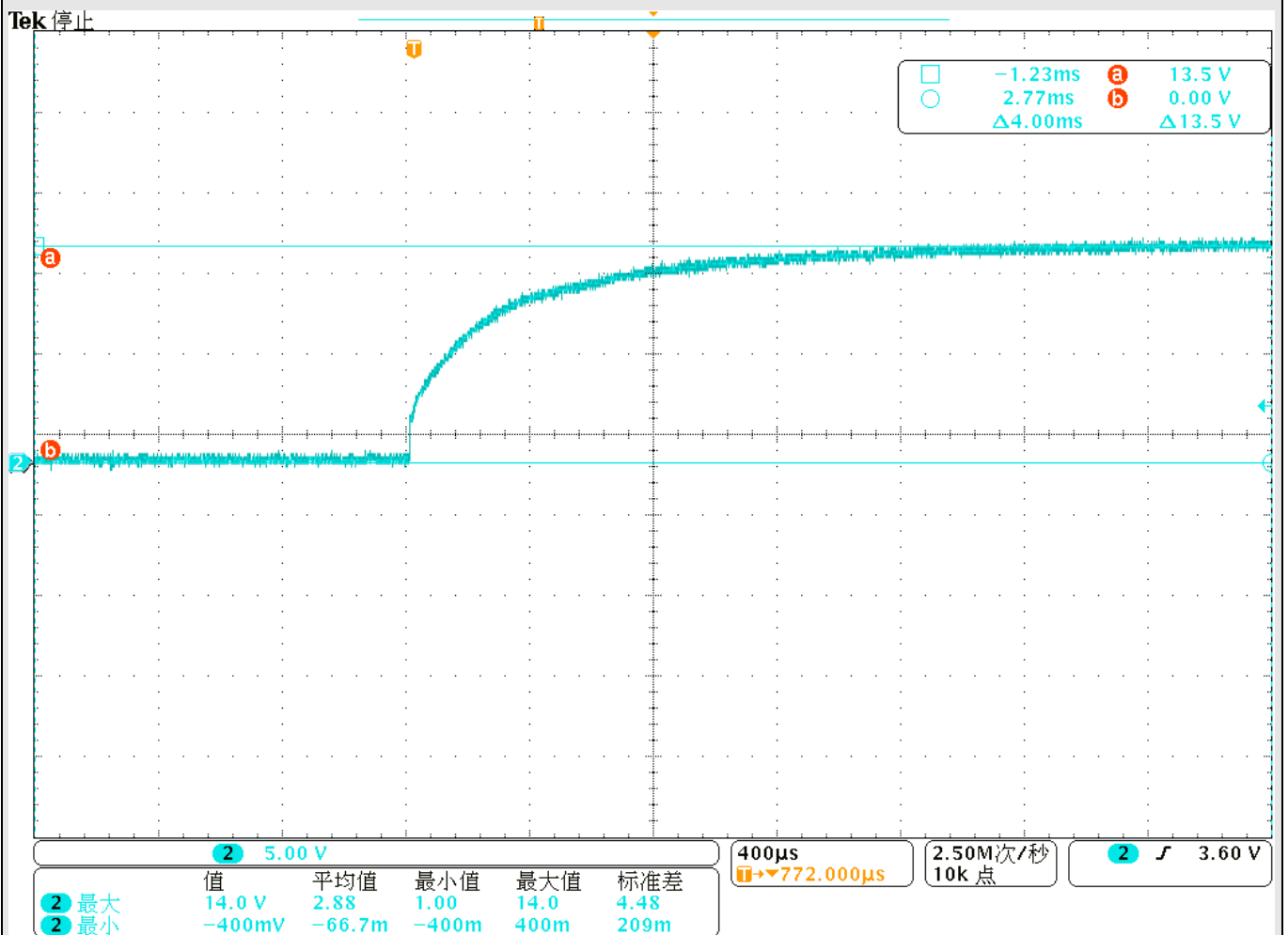






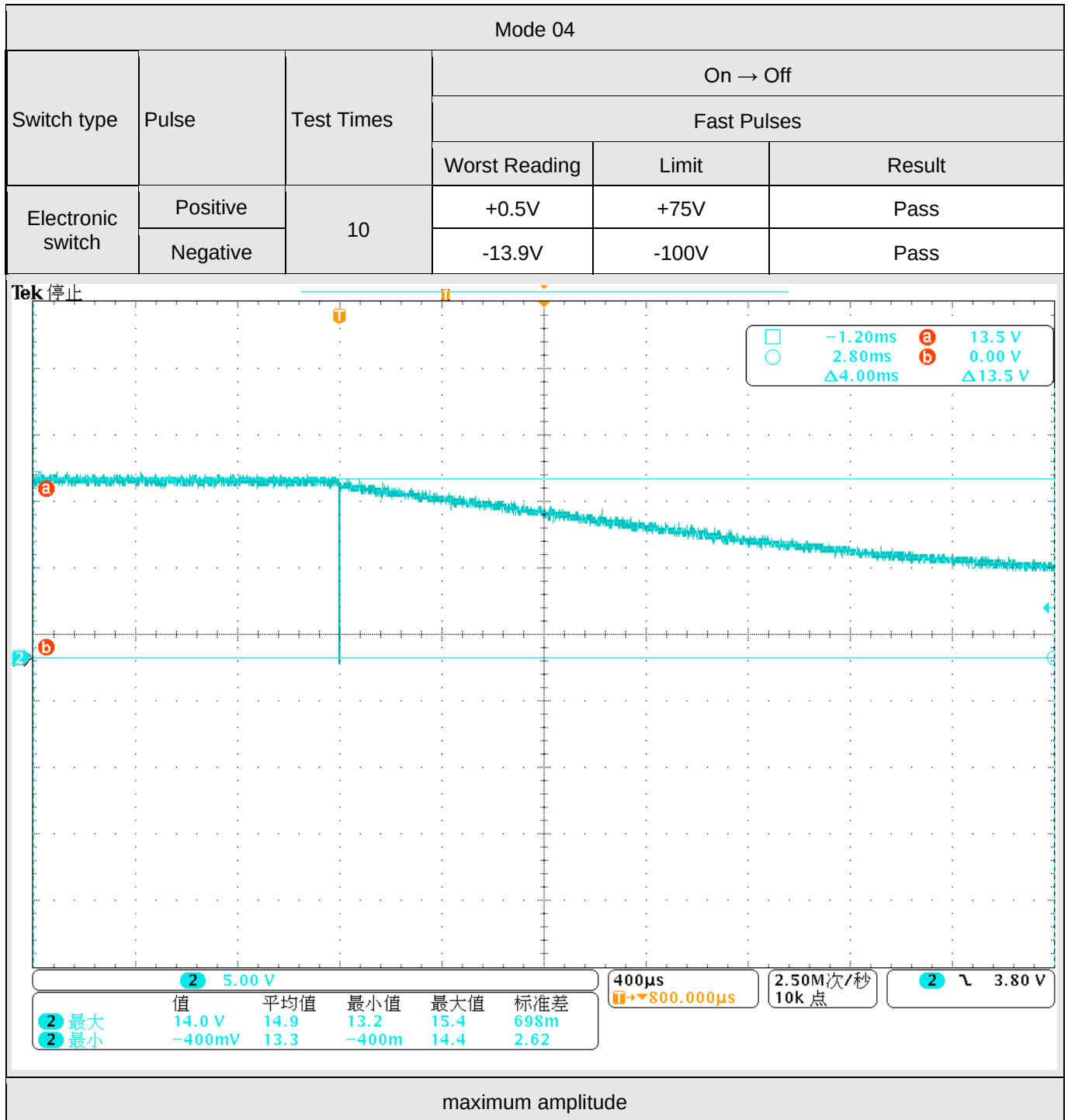
Mode 04

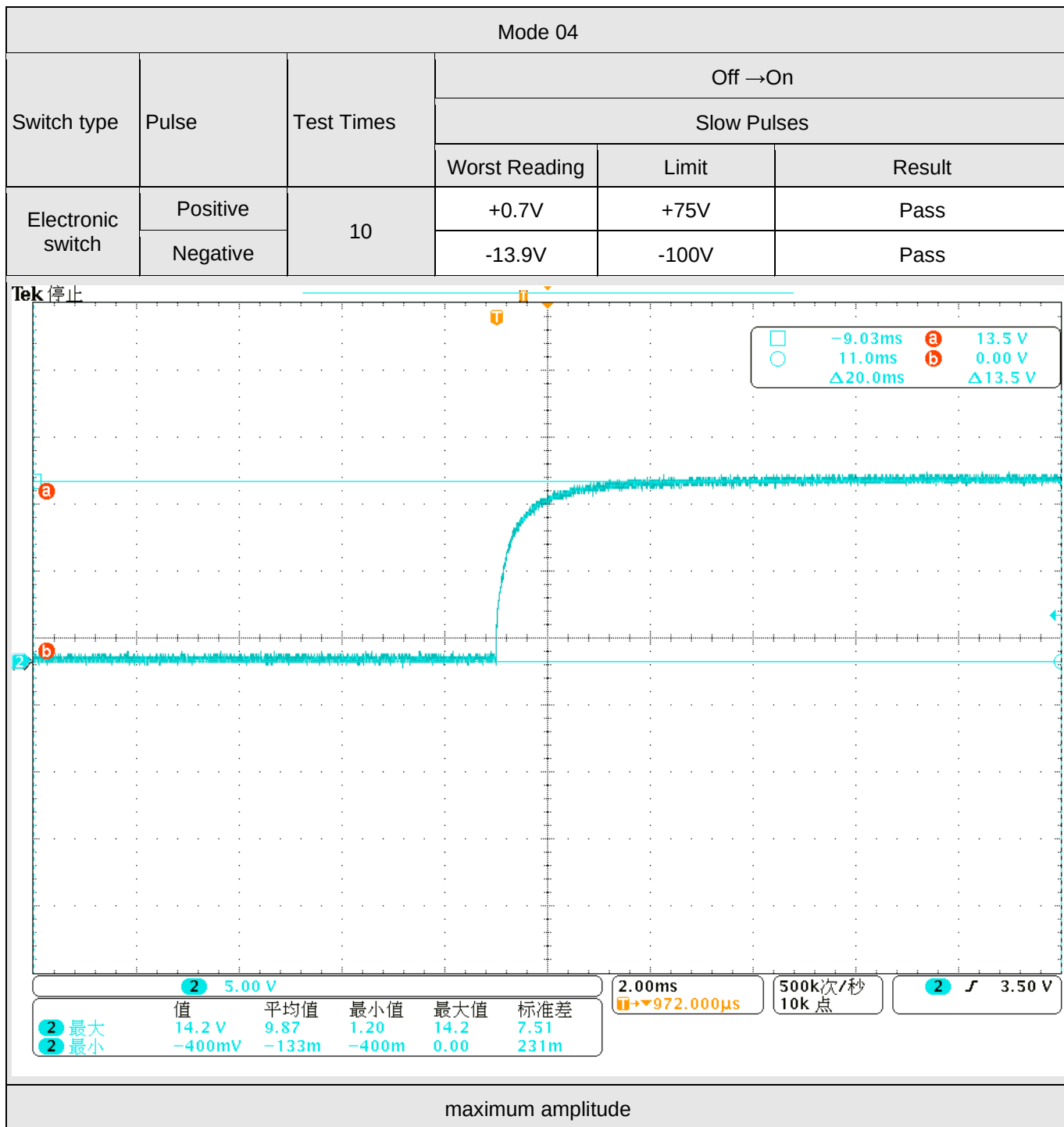
Switch type	Pulse	Test Times	Off → On		
			Fast Pulses		
			Worst Reading	Limit	Result
Electronic switch	Positive	10	+0.5V	+75V	Pass
	Negative		-13.9V	-100V	Pass

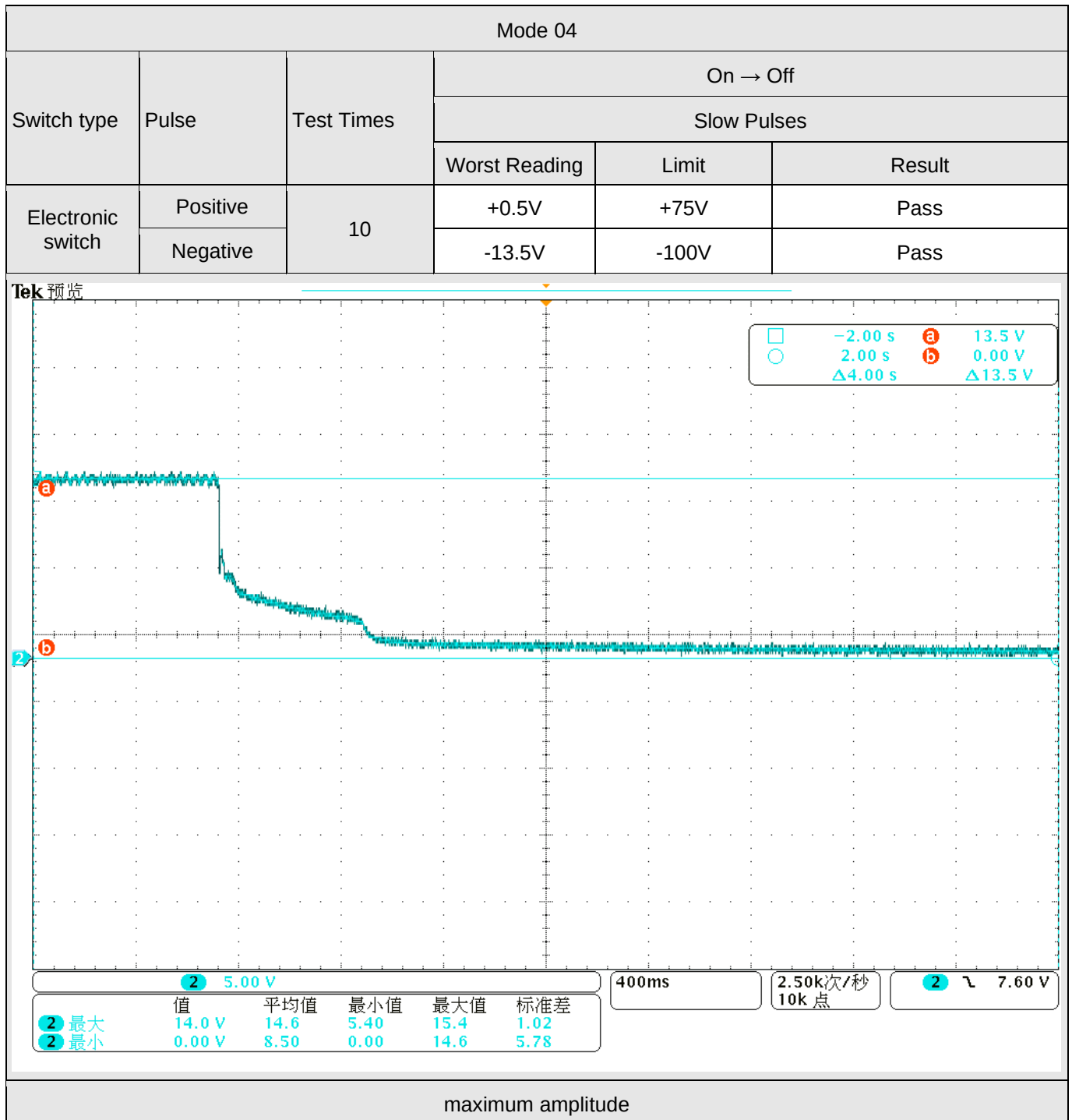


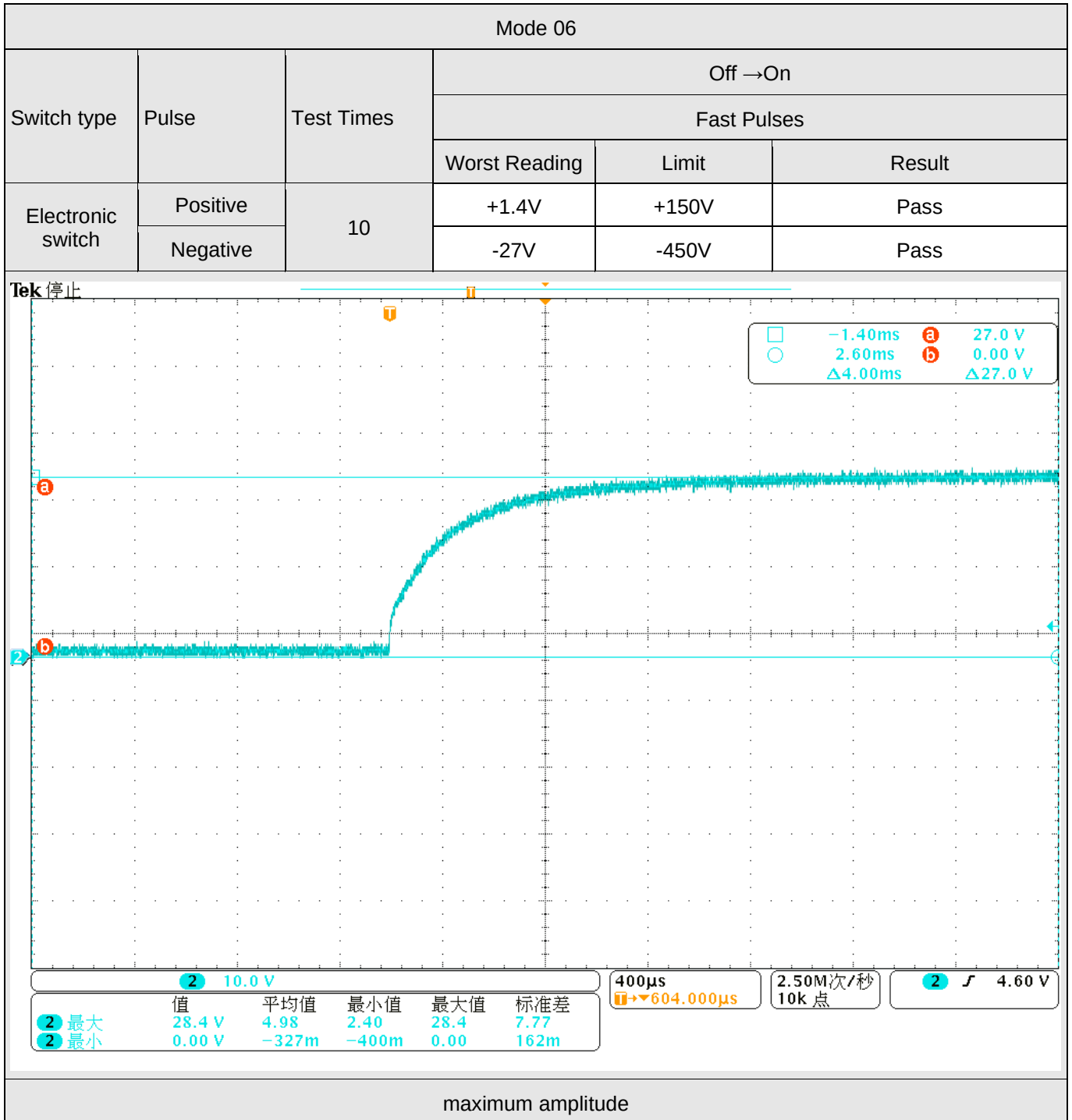
maximum amplitude

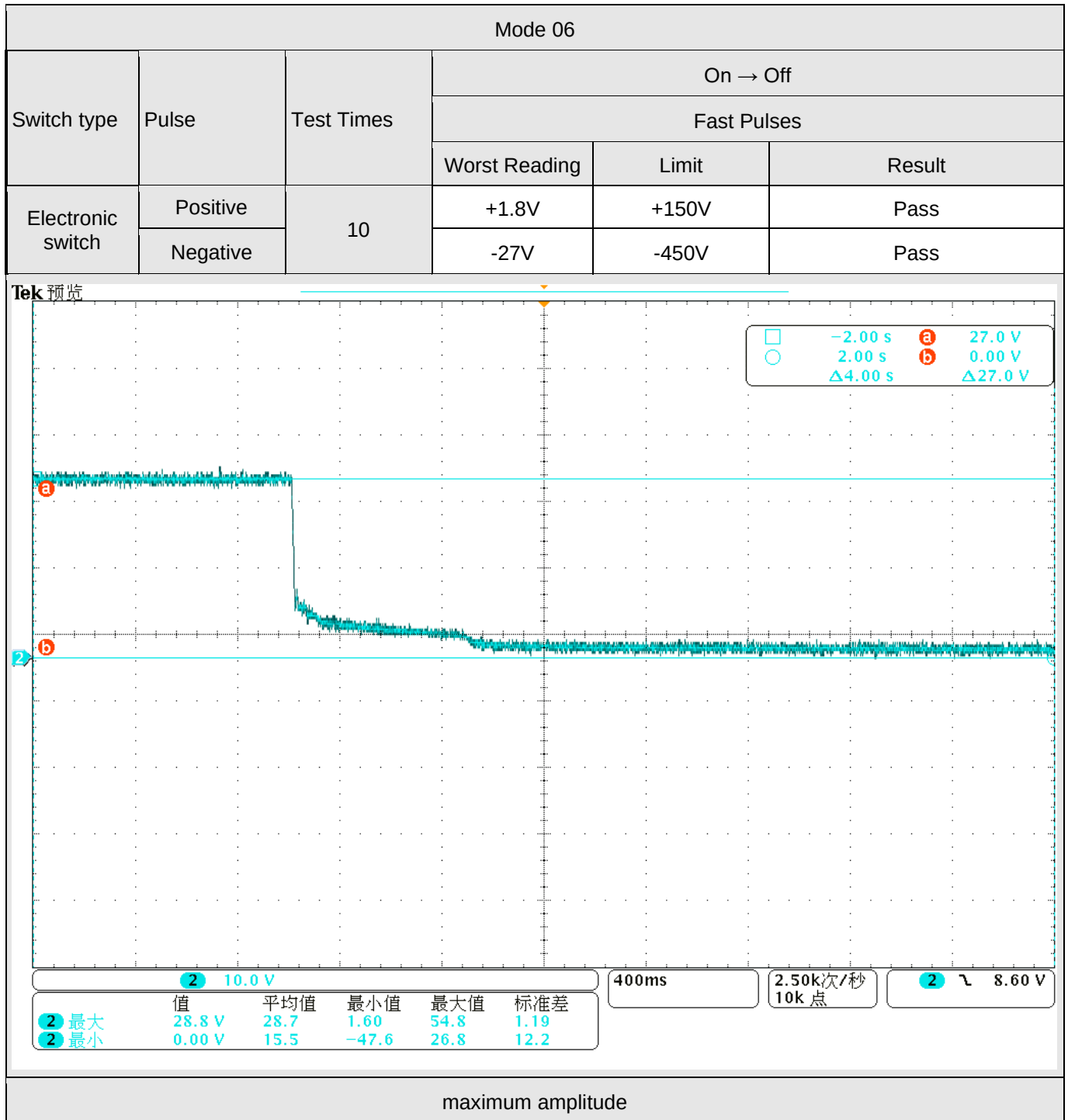


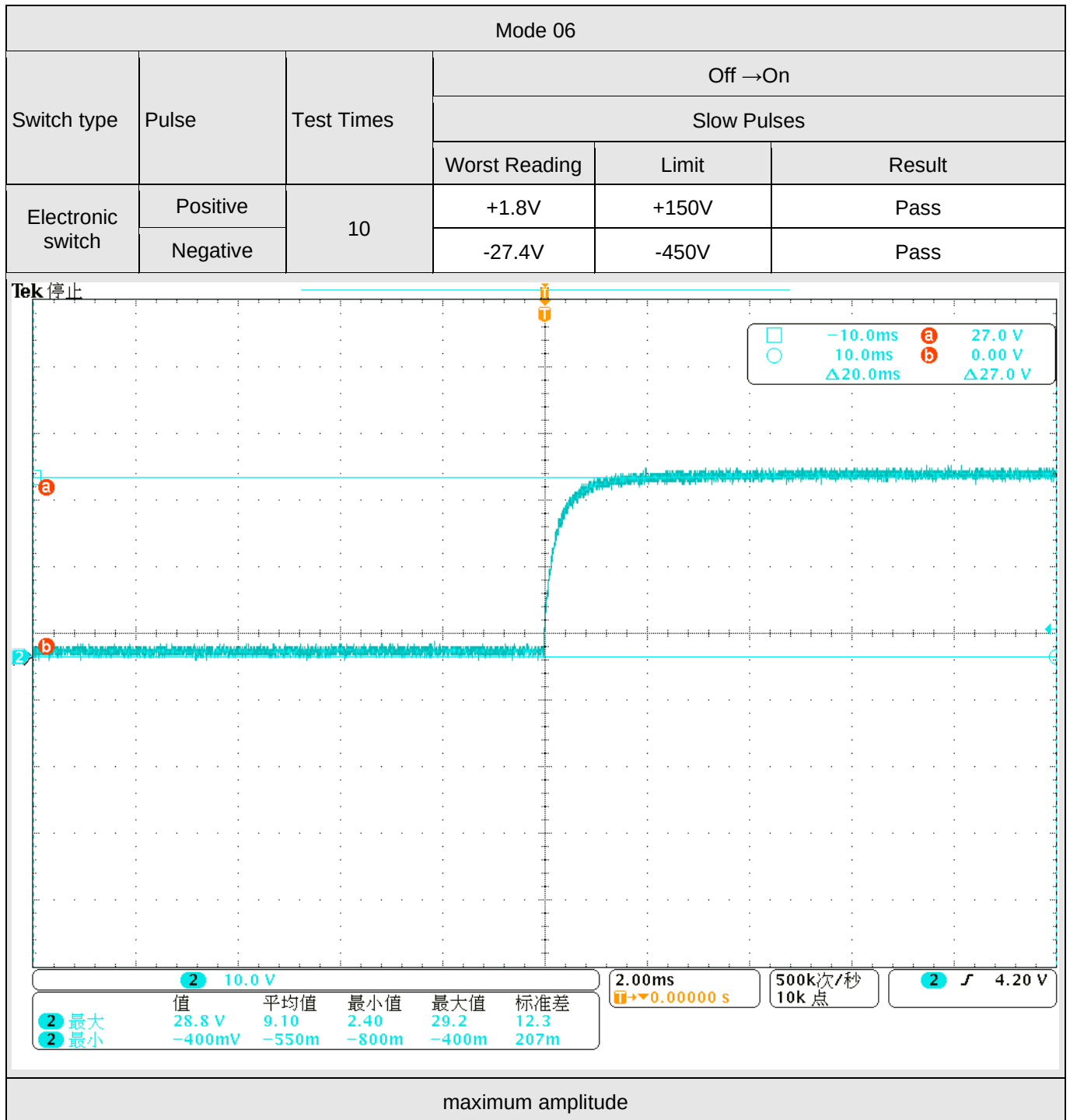


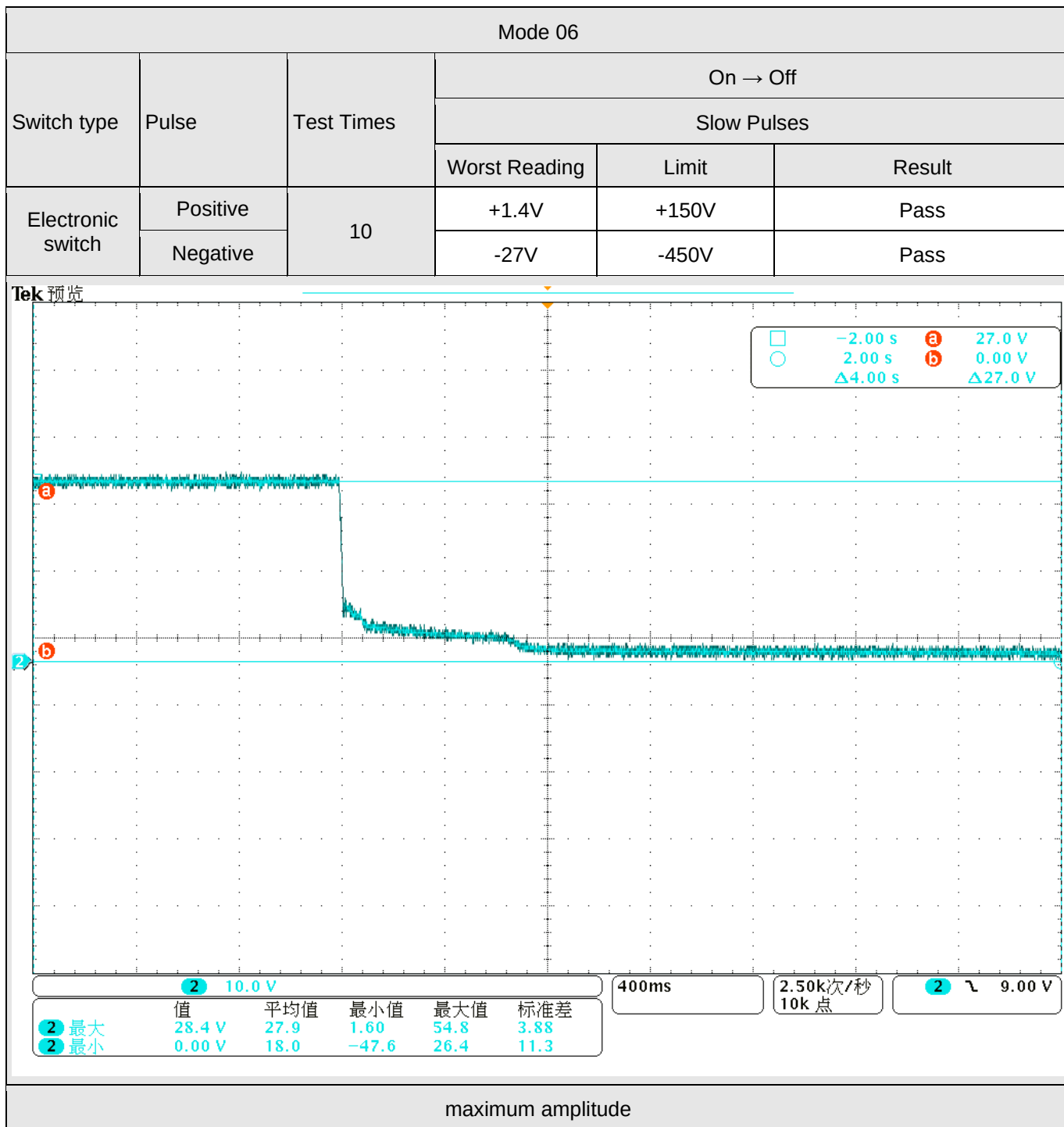


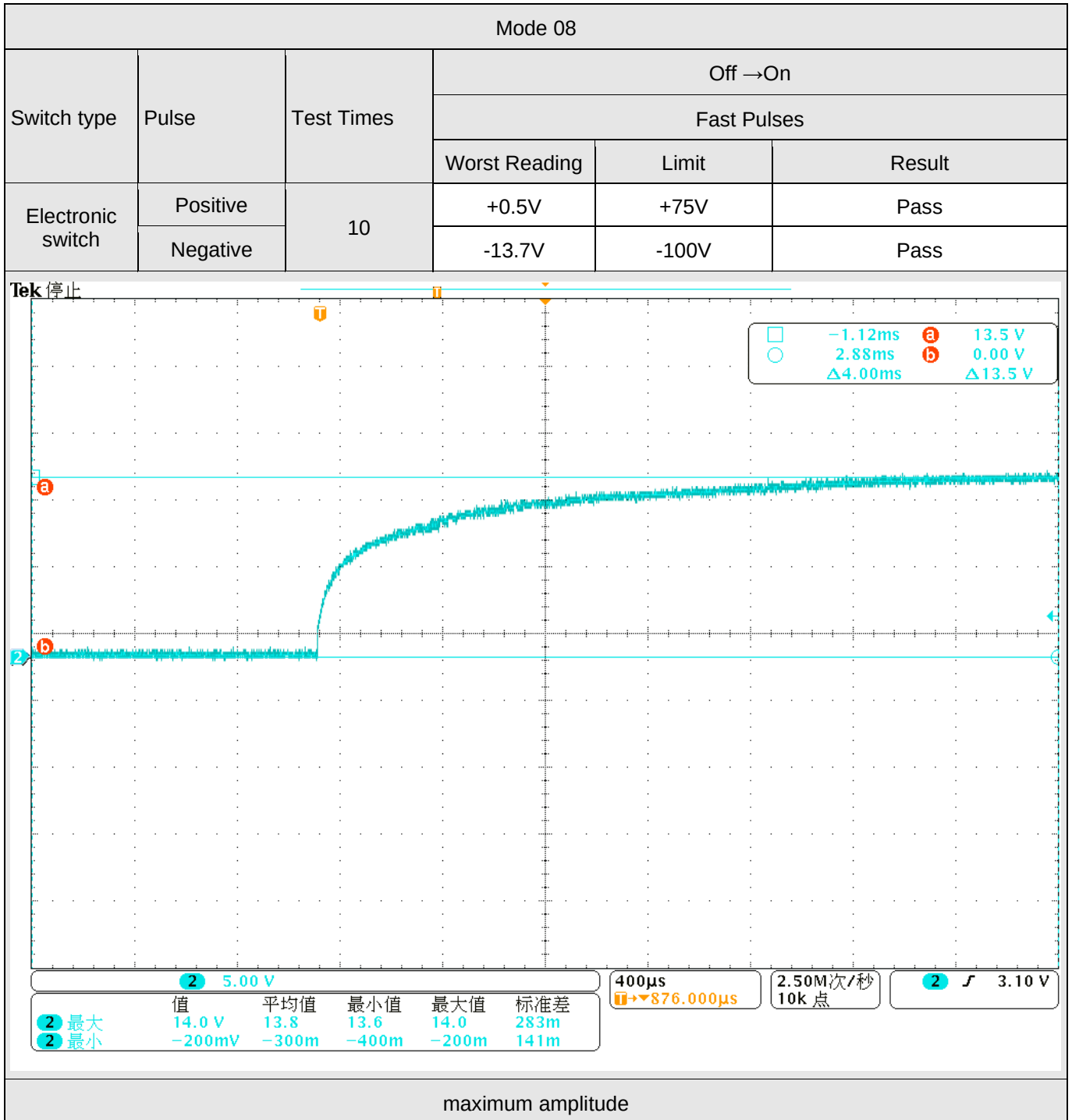


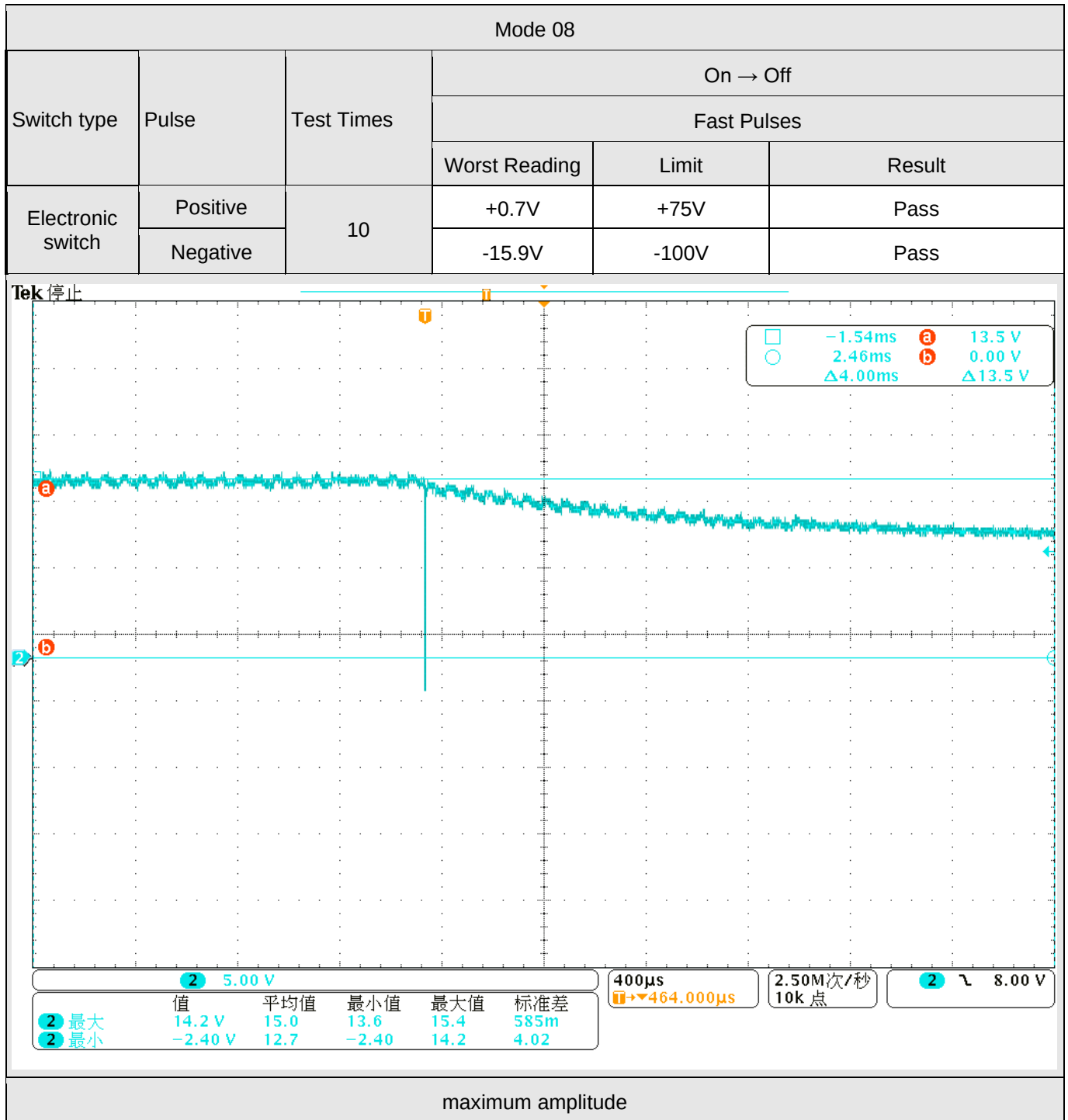


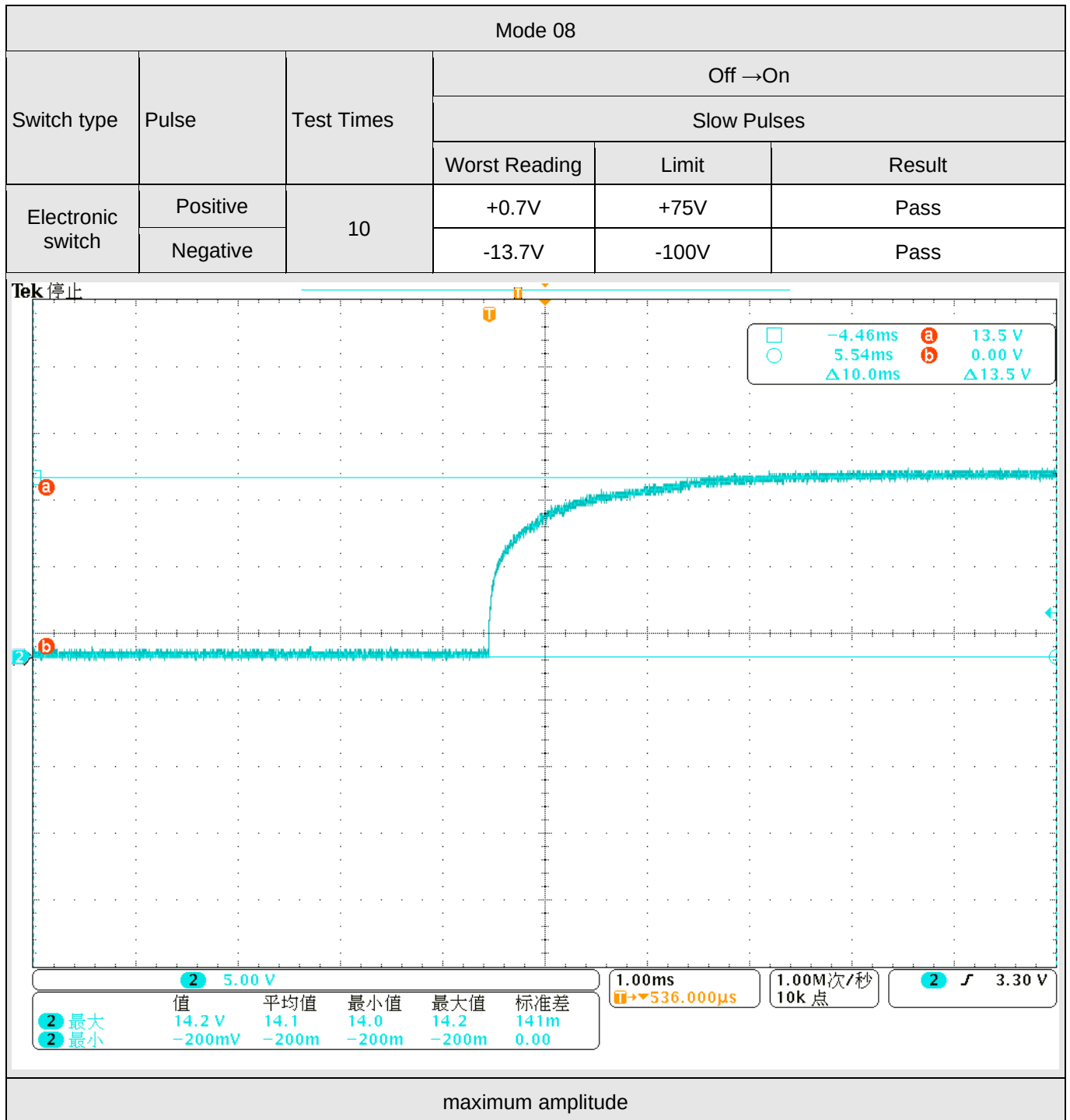


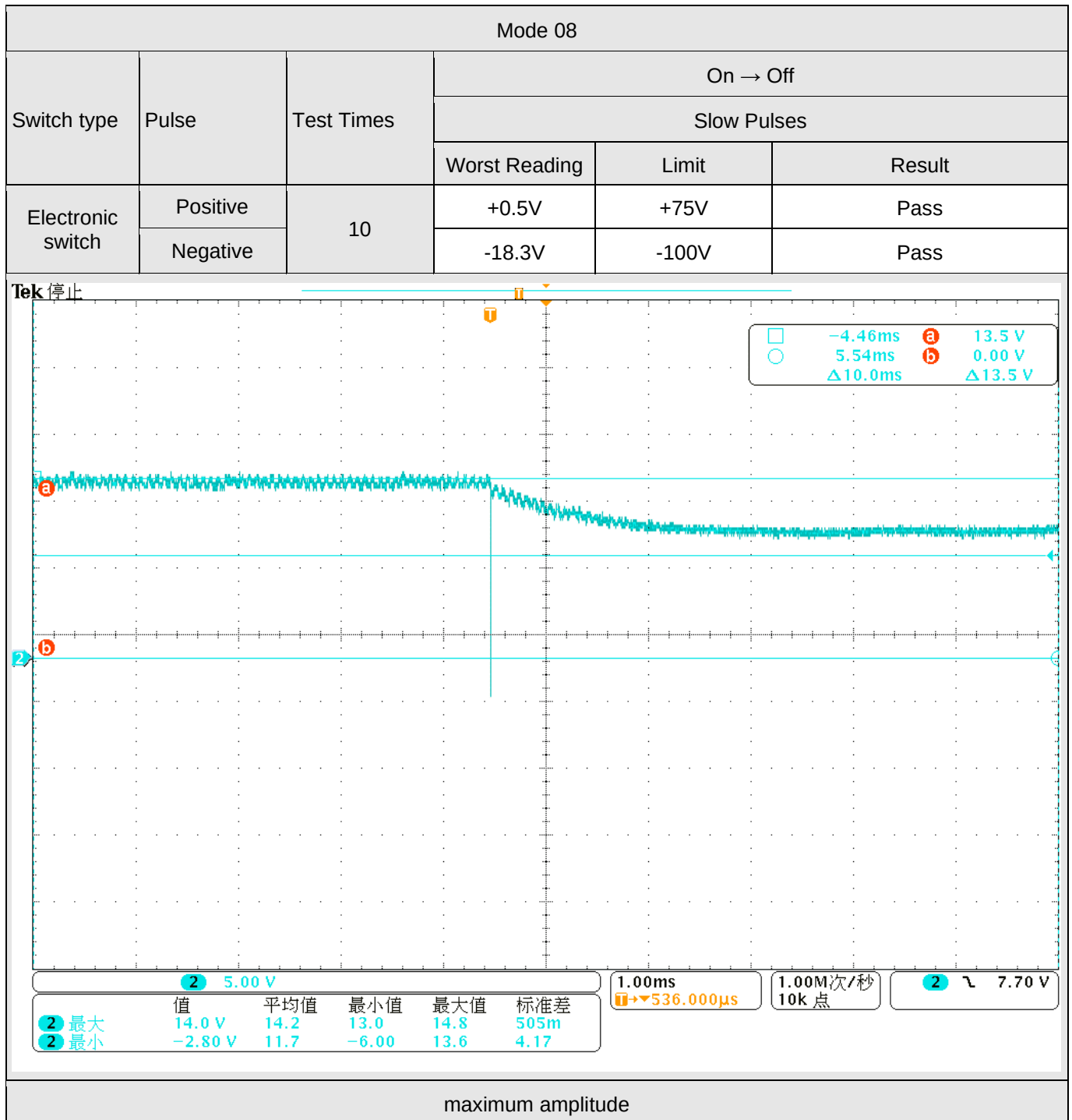


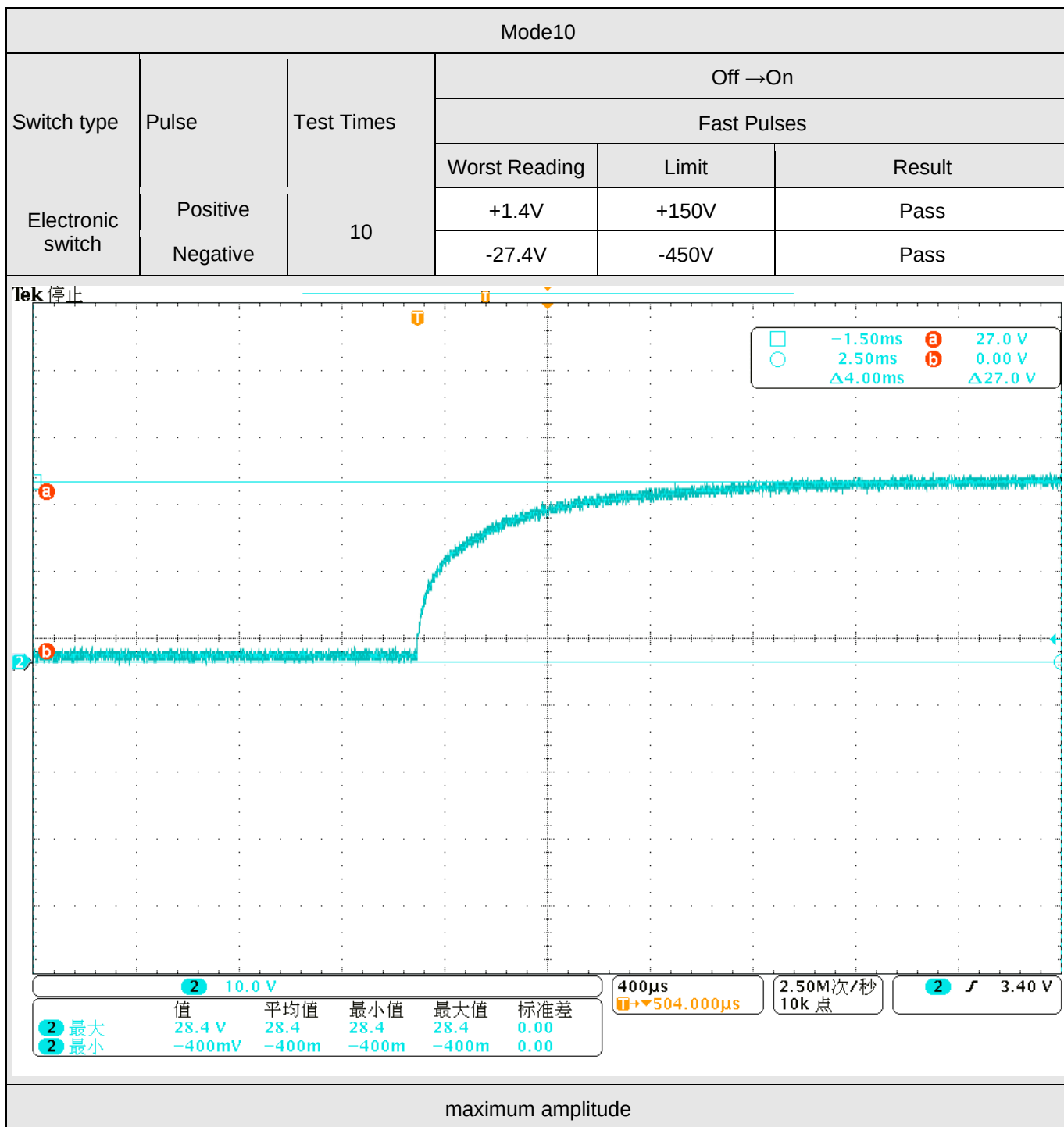


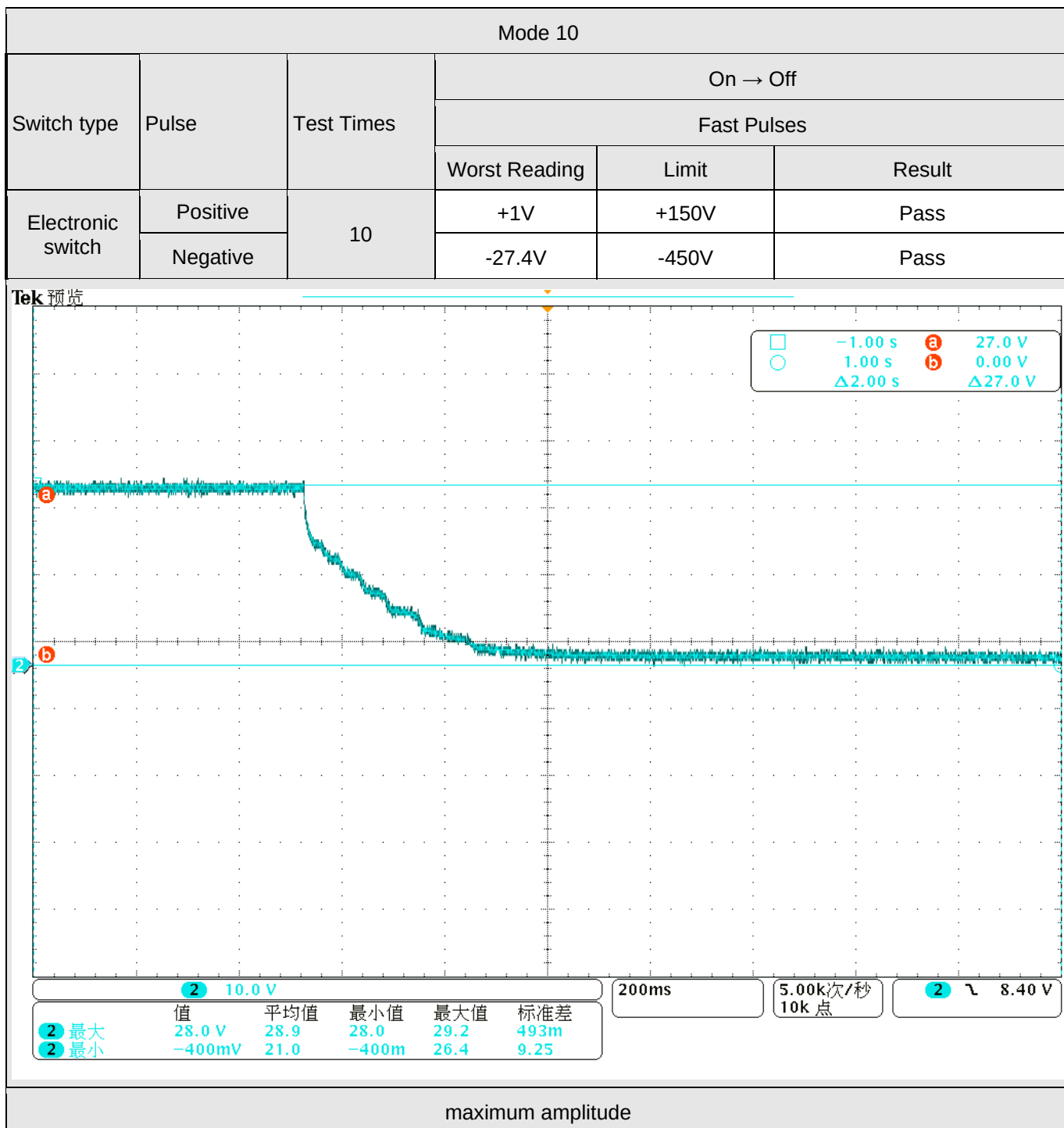


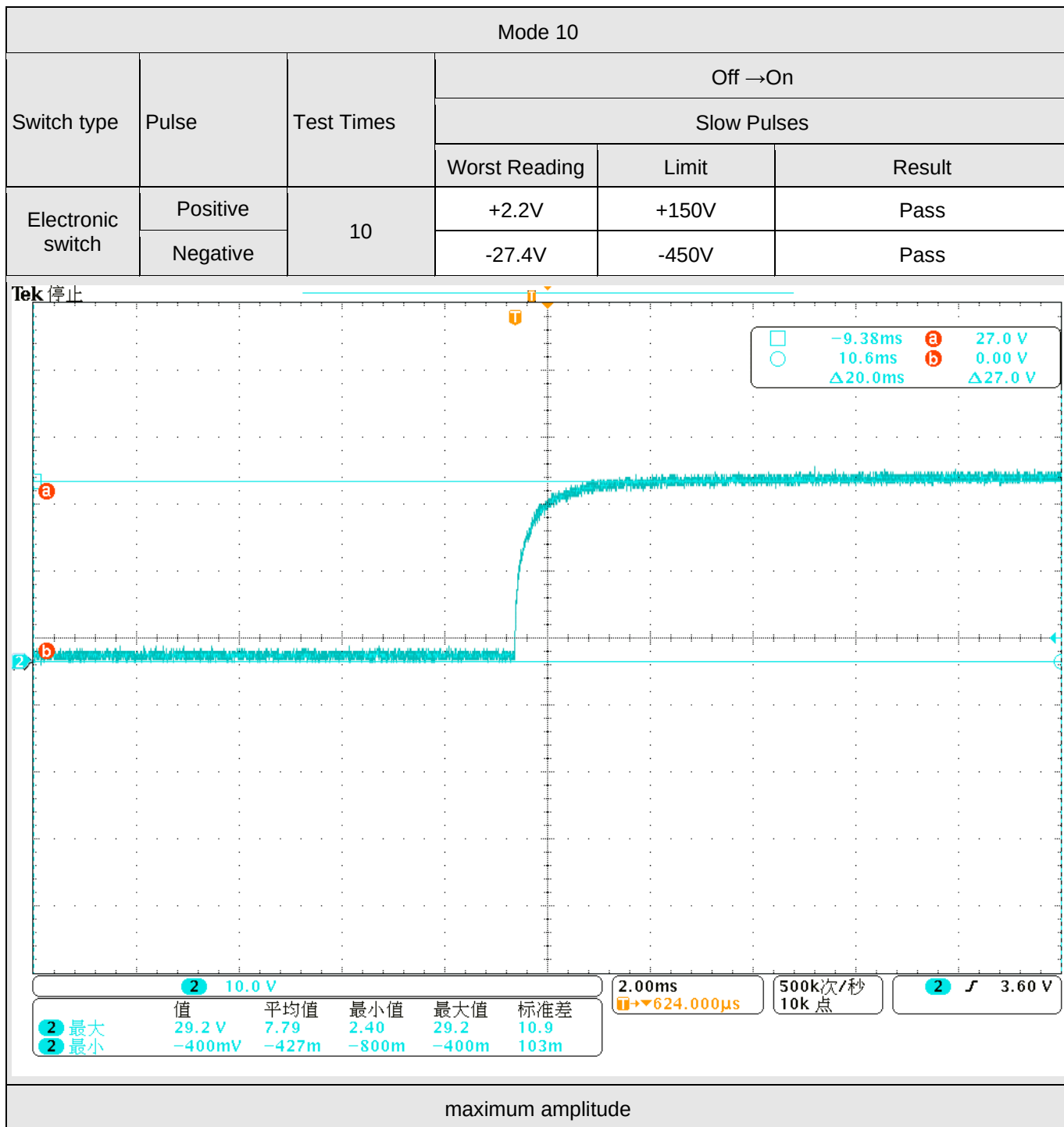


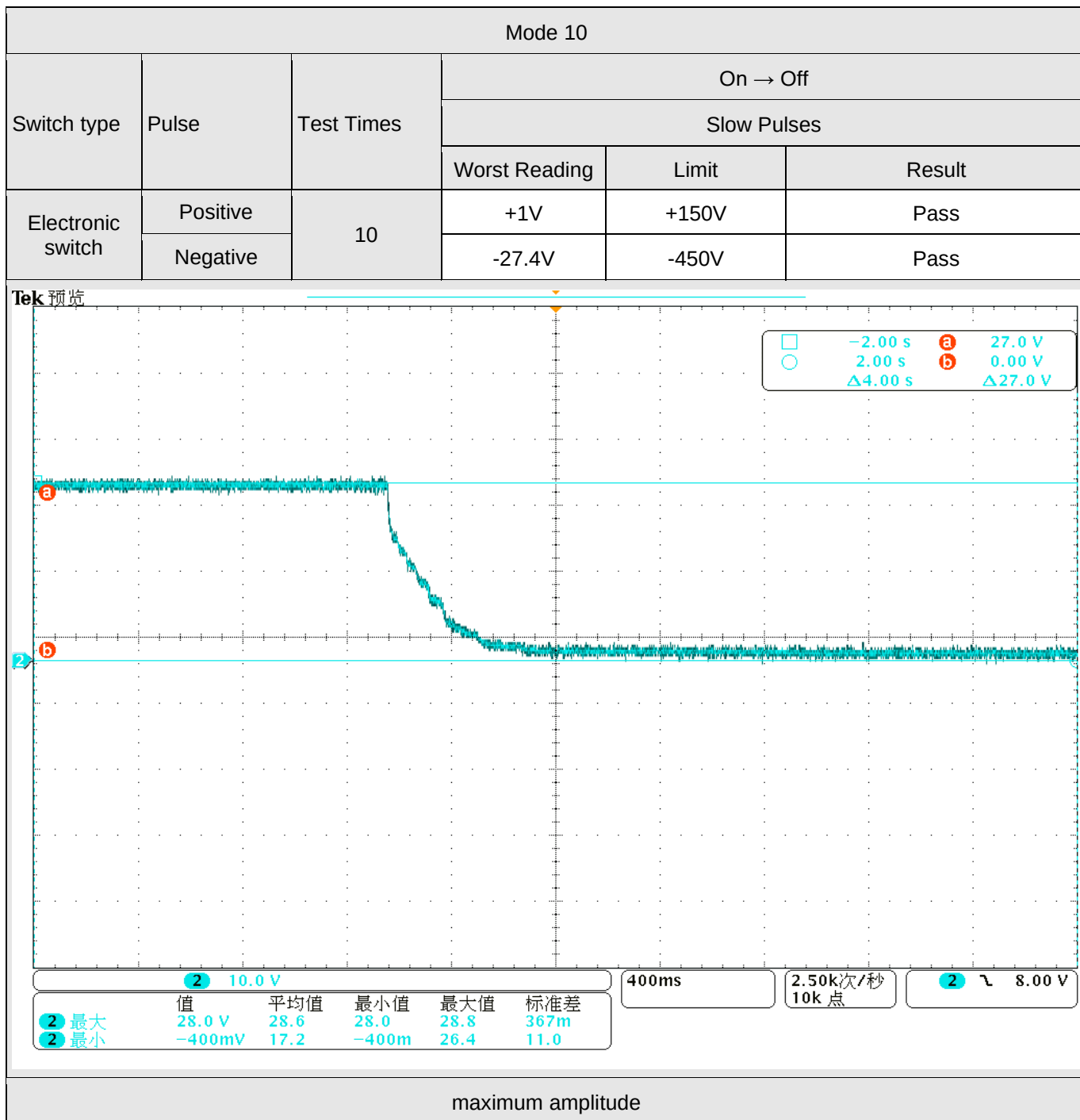


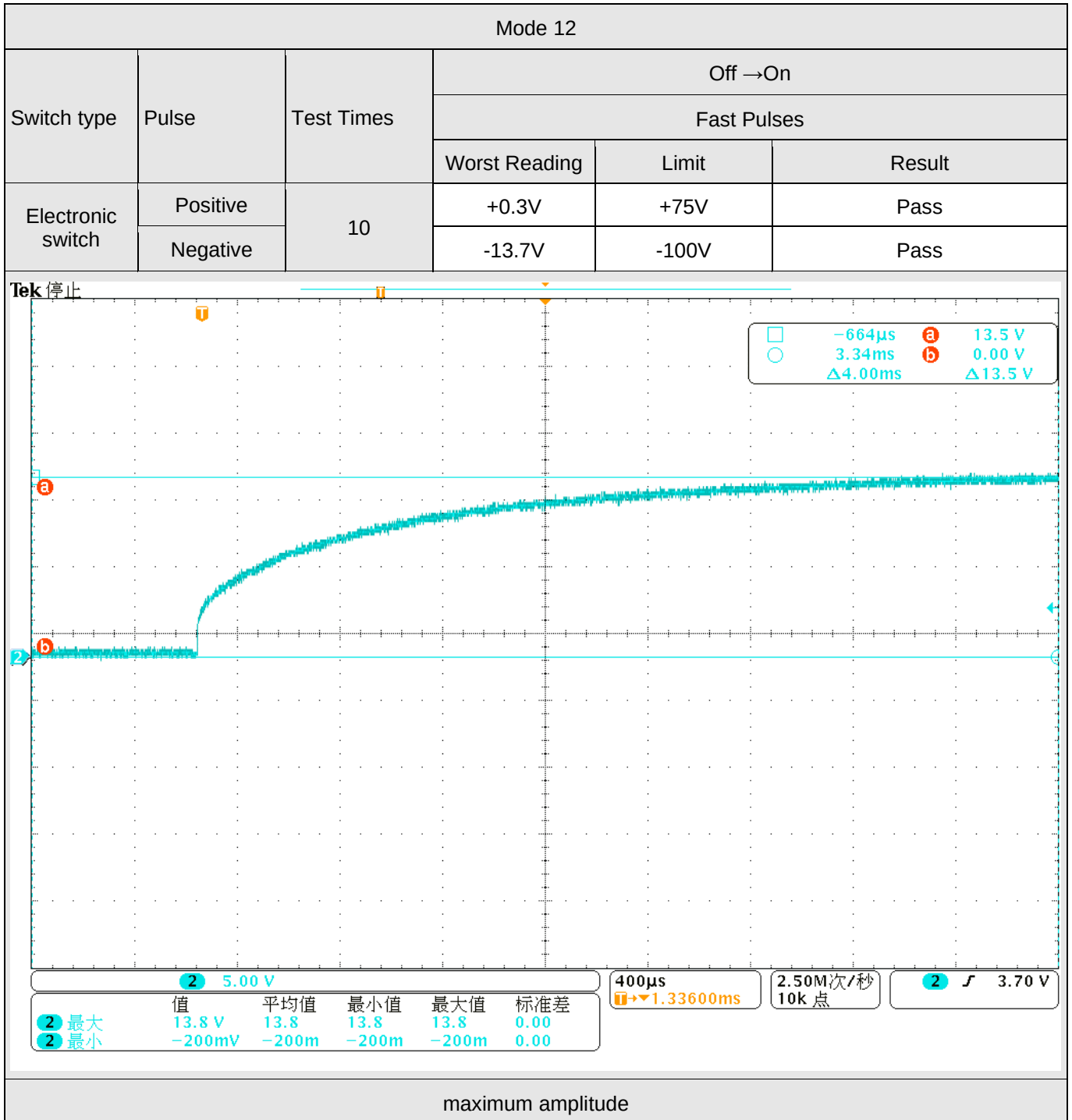


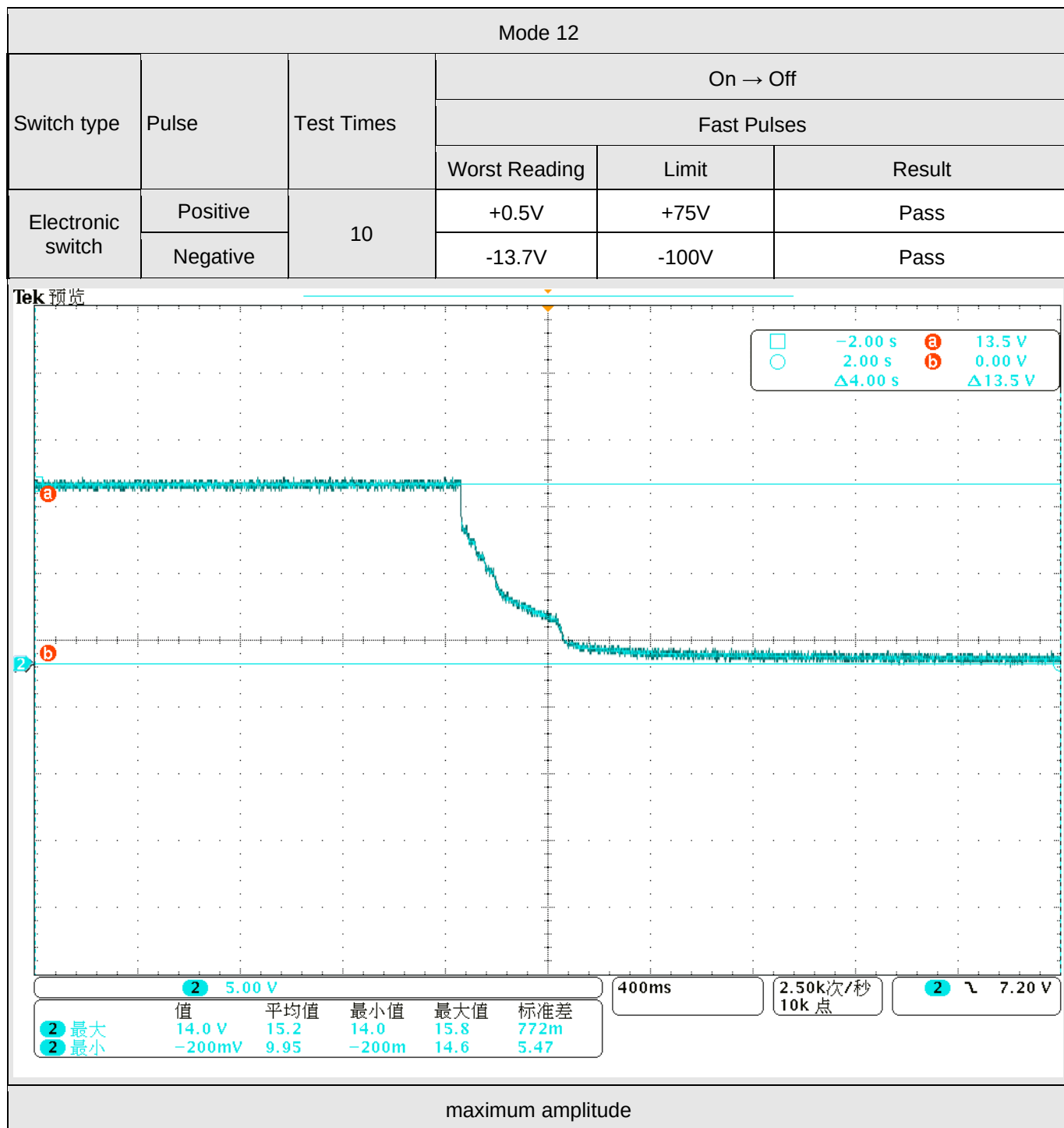


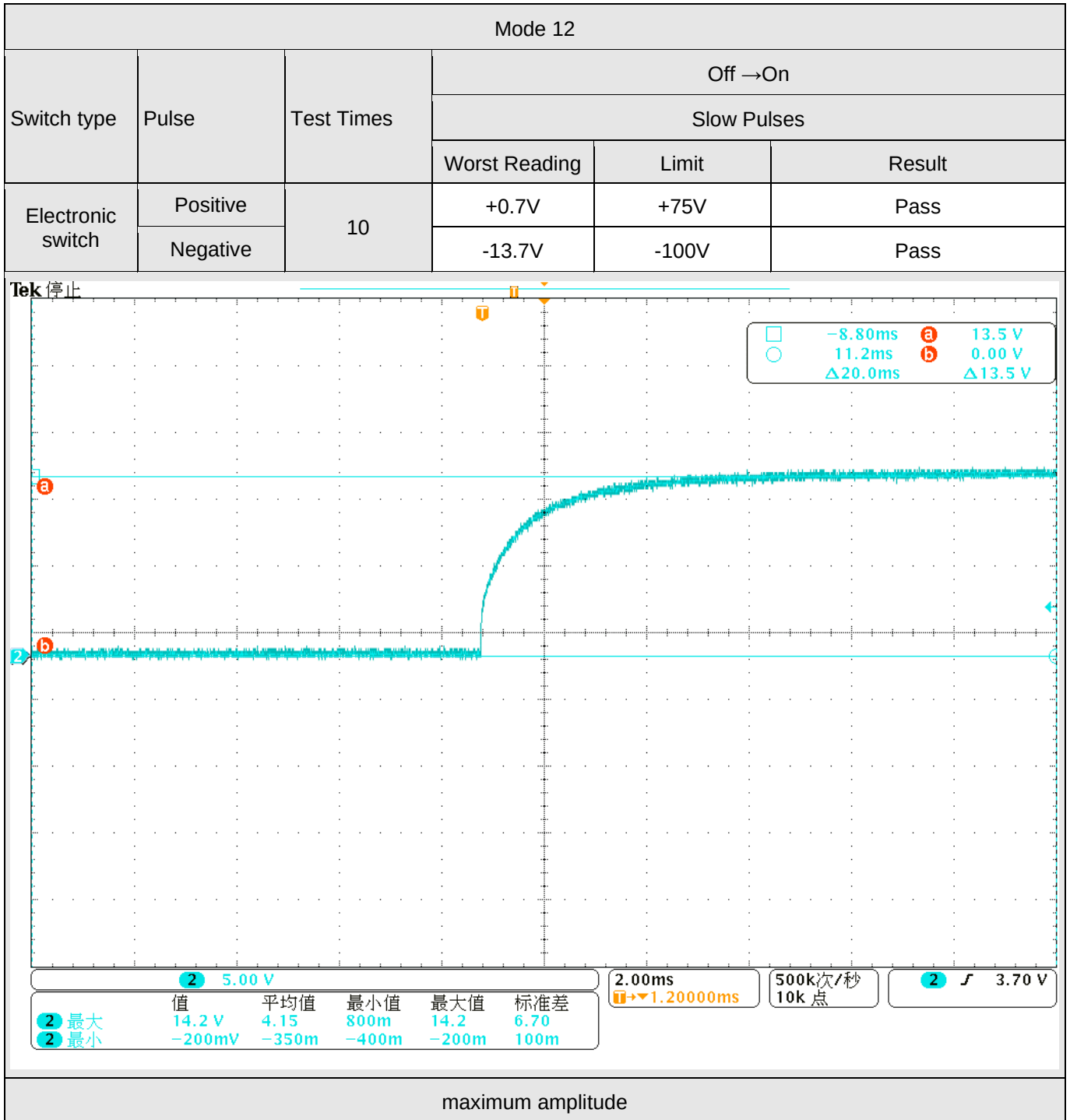


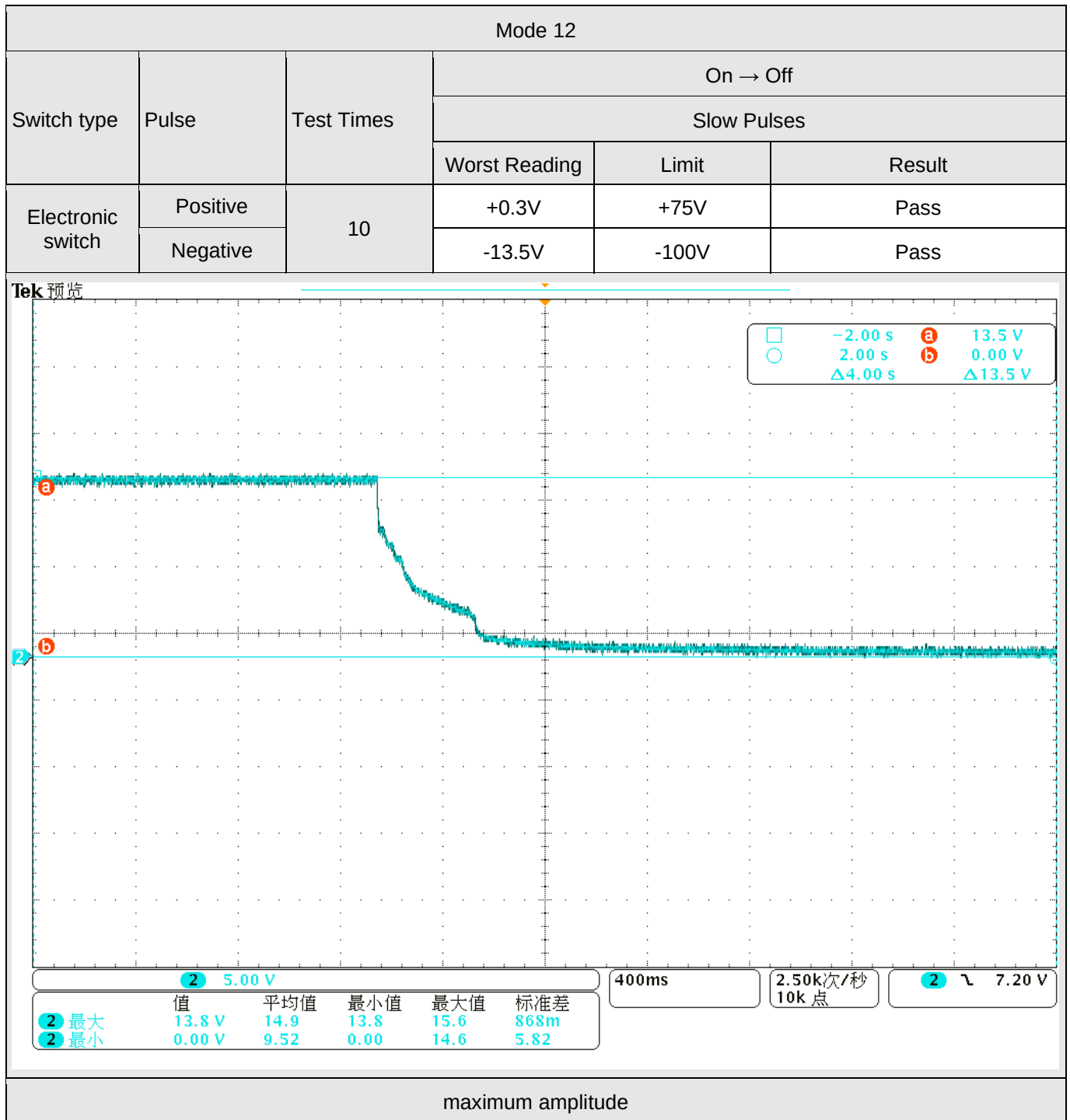


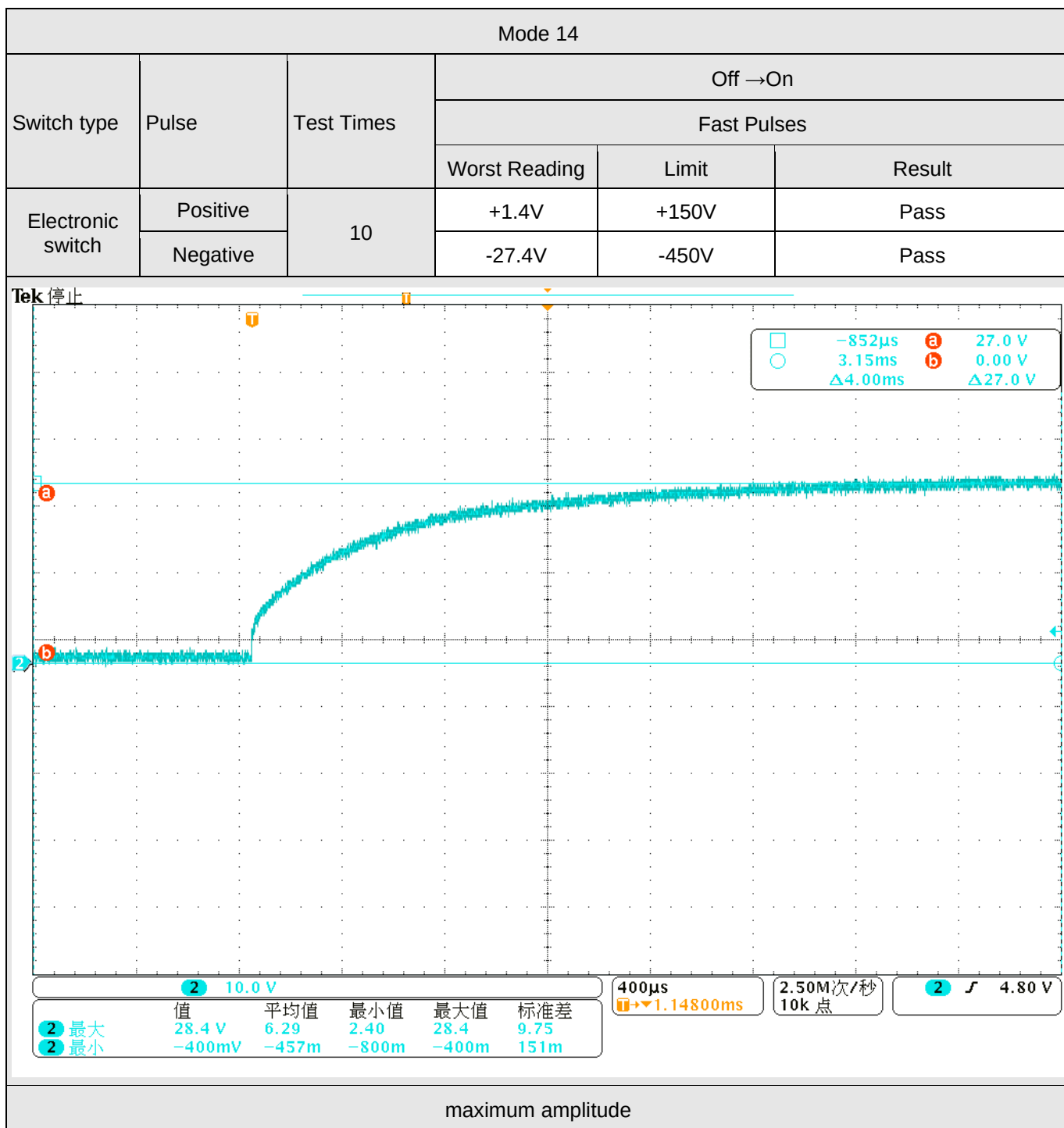


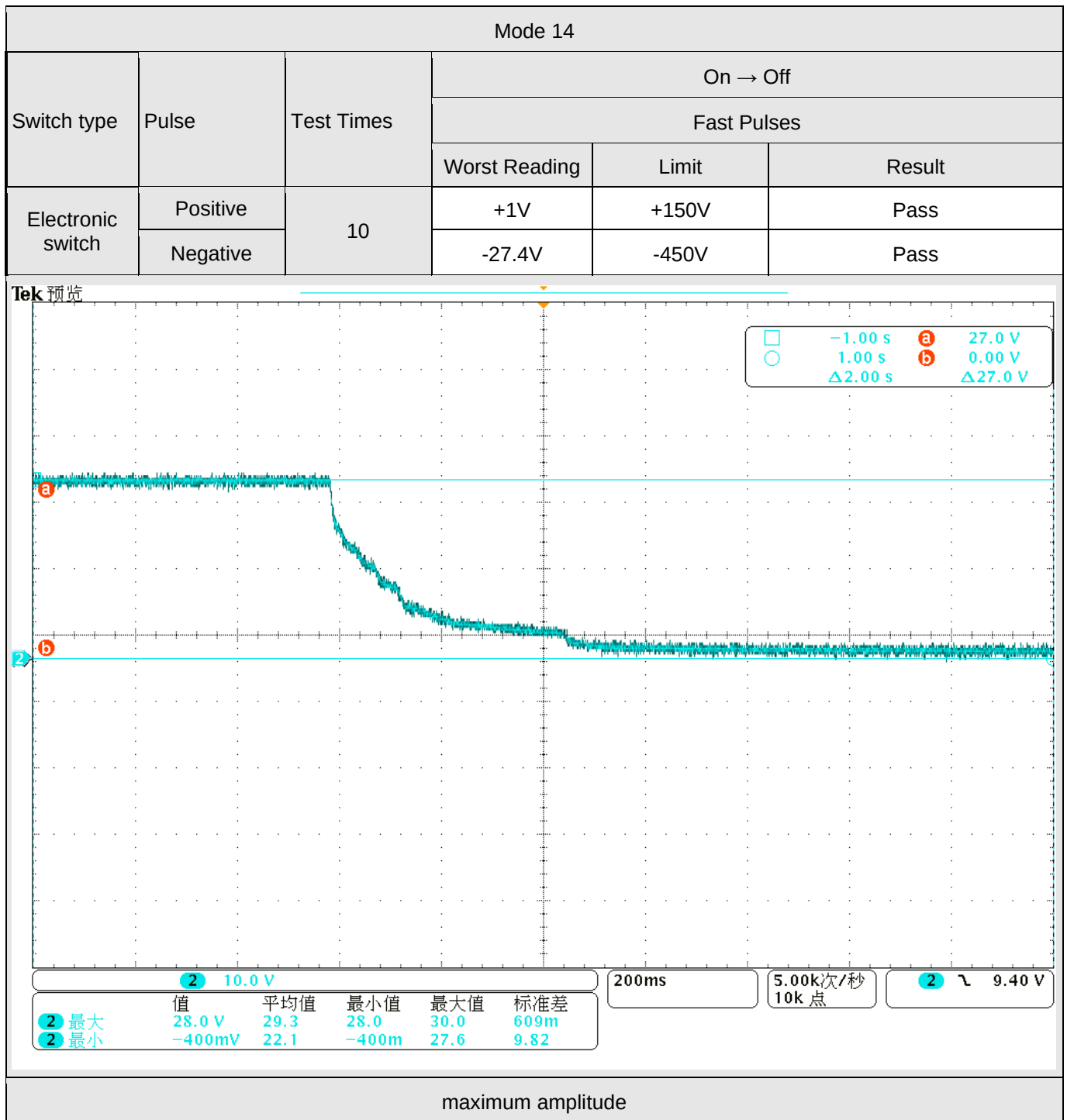


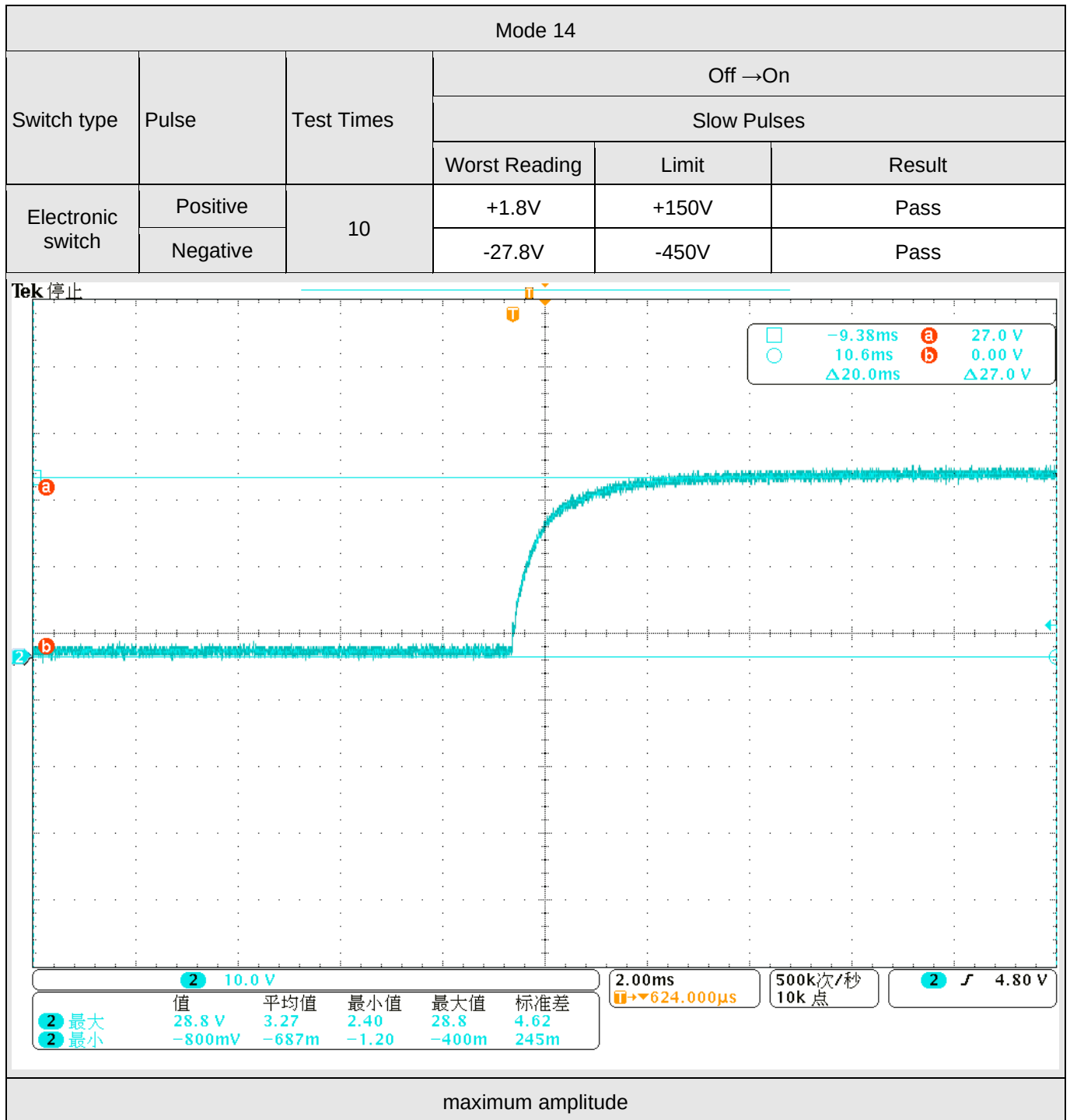


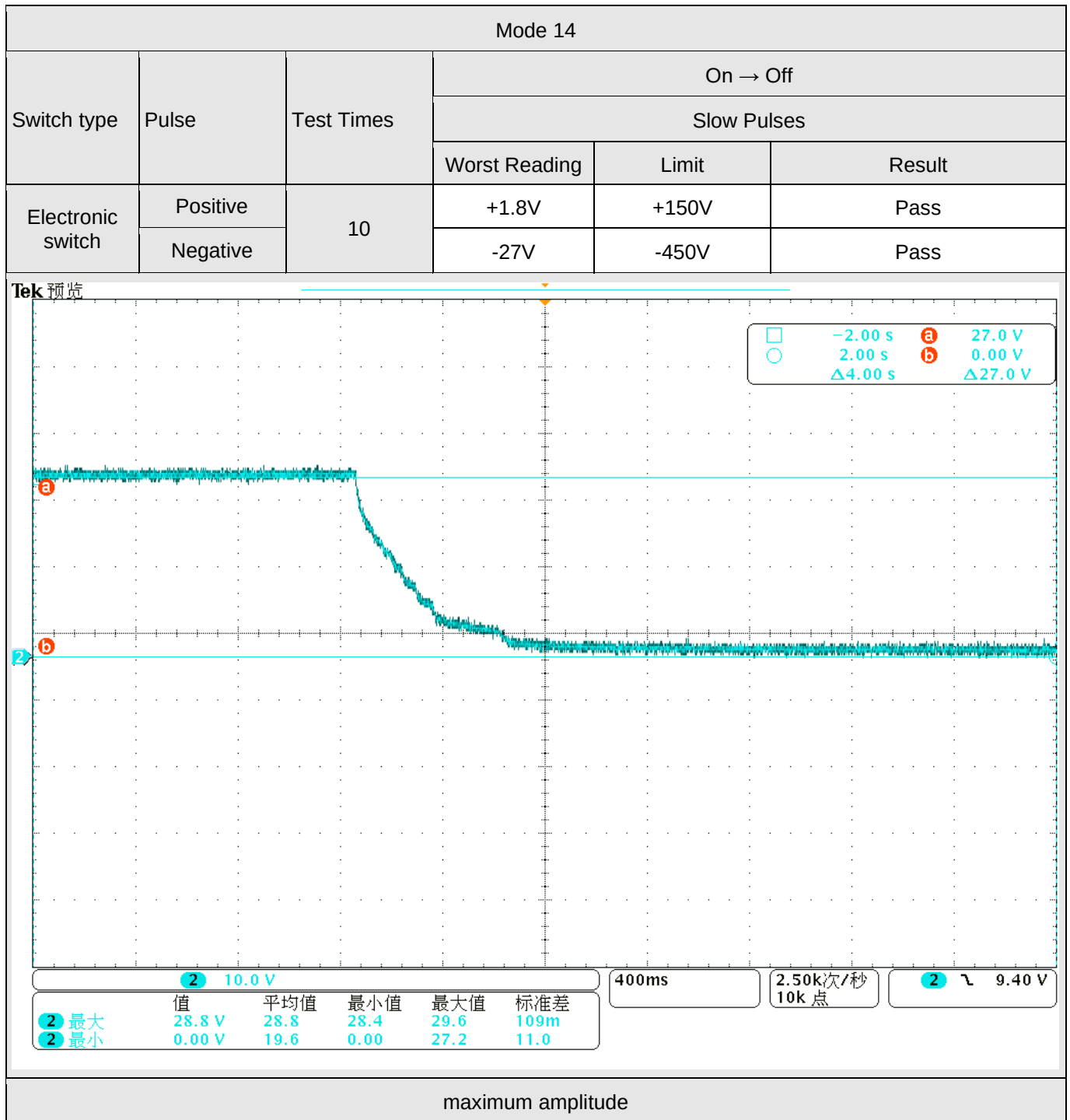


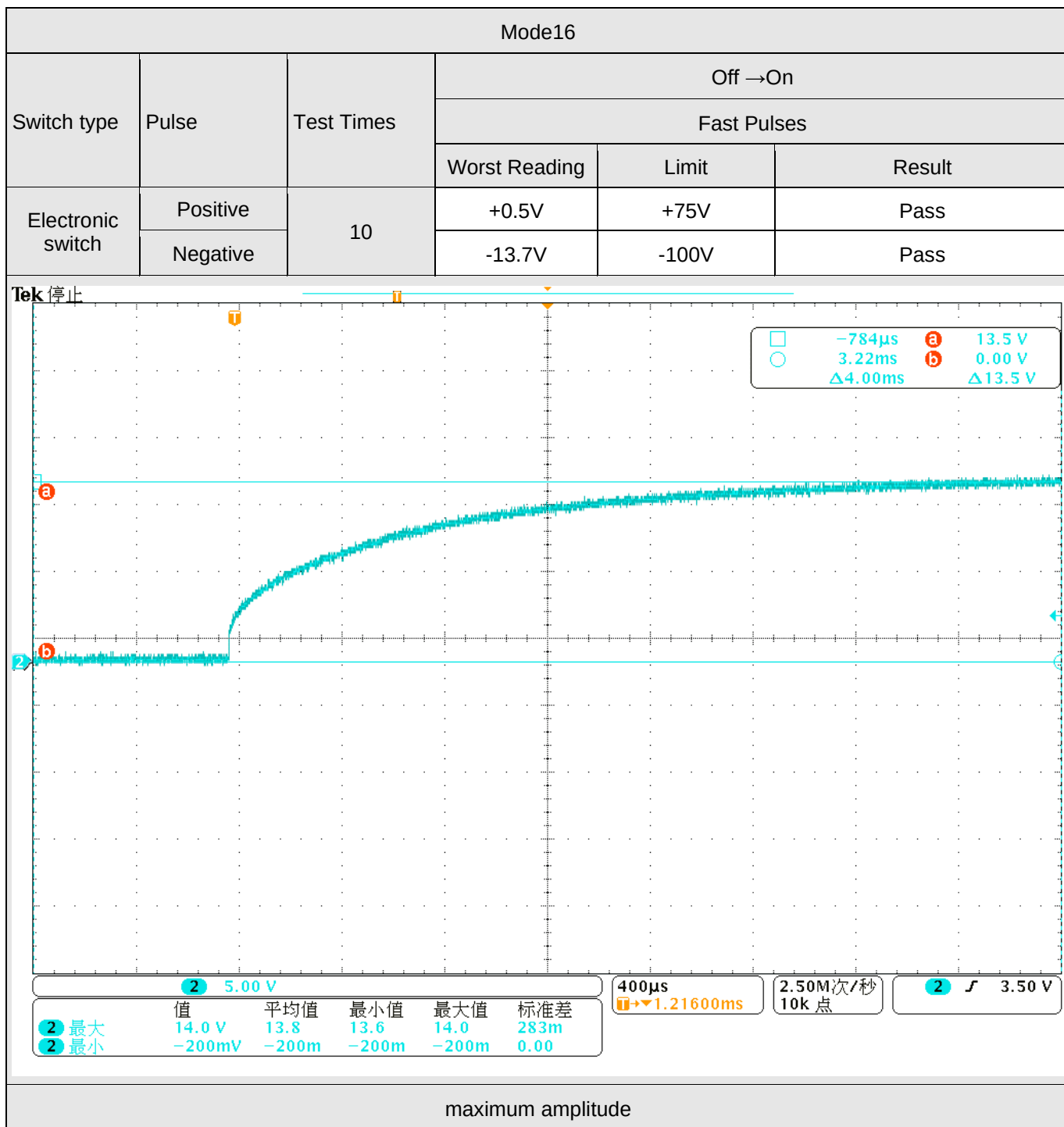


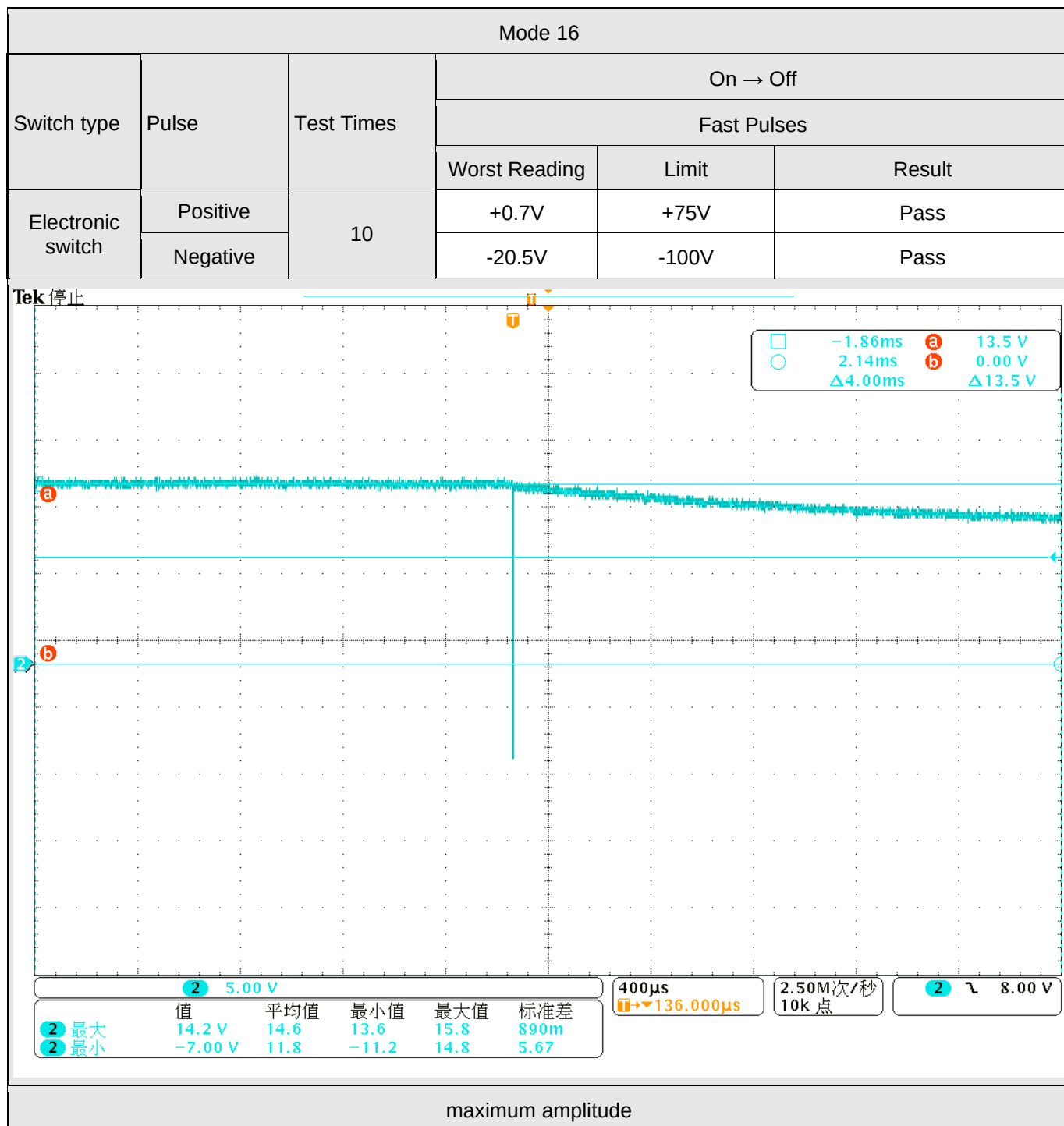


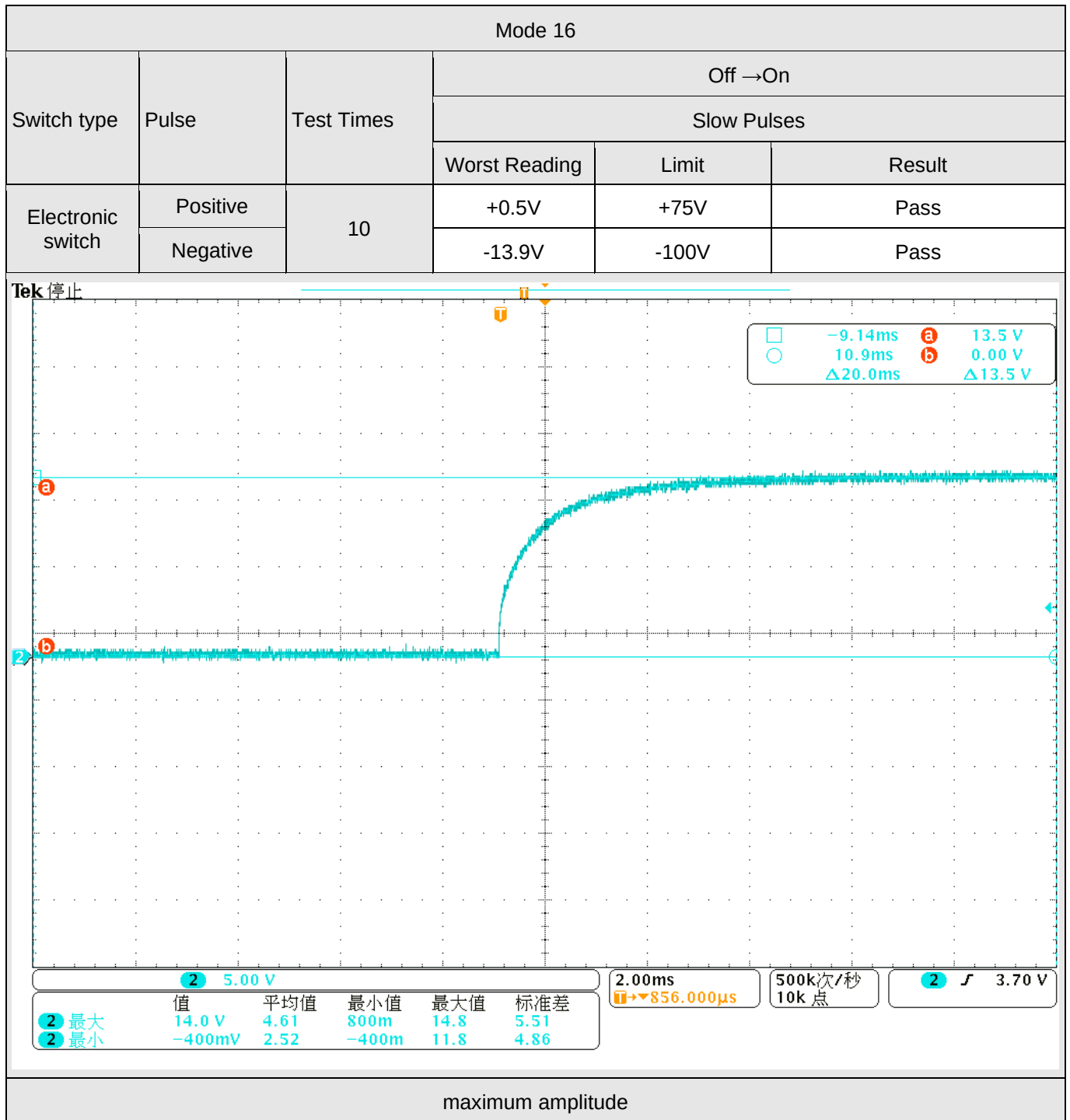


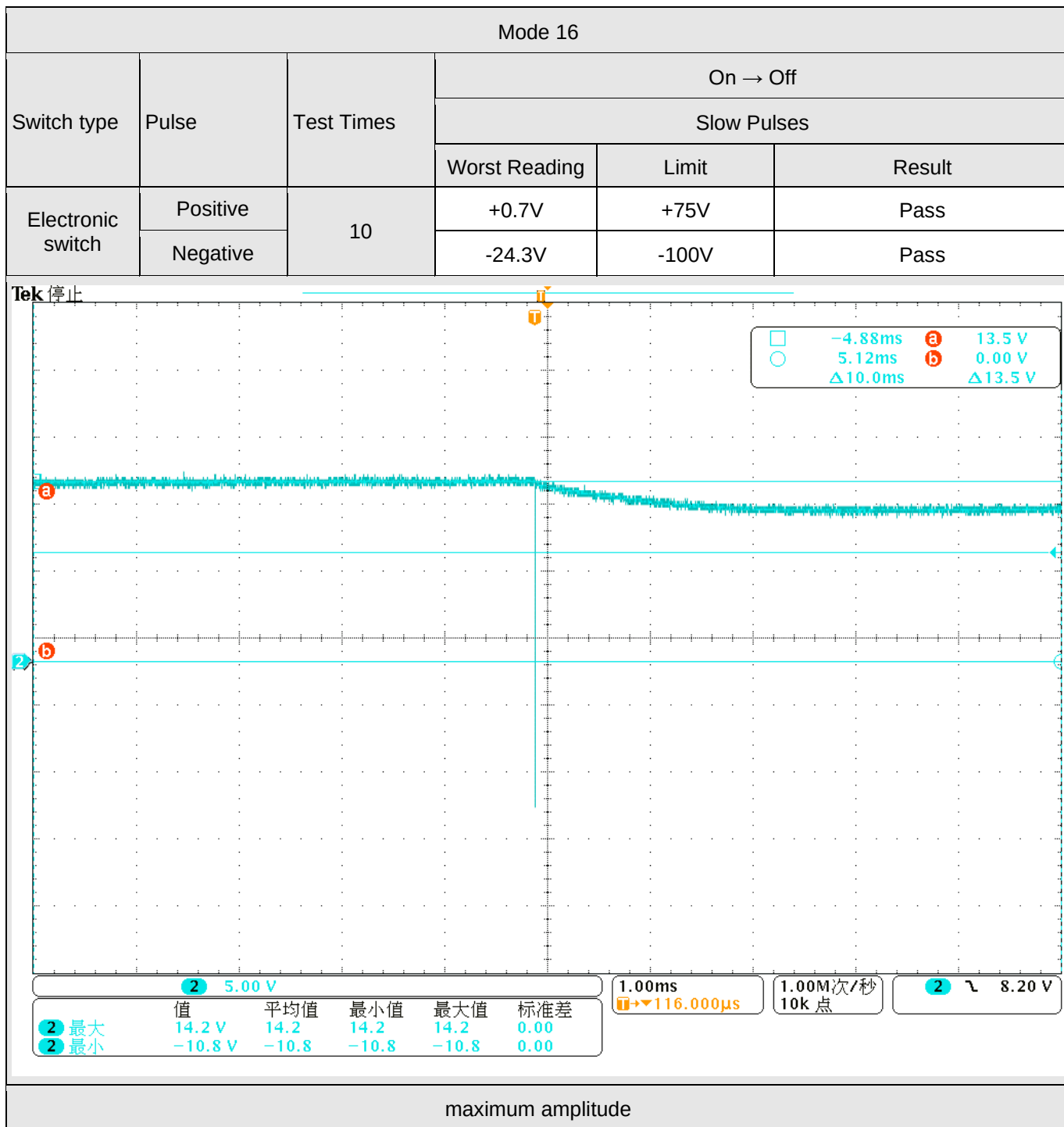


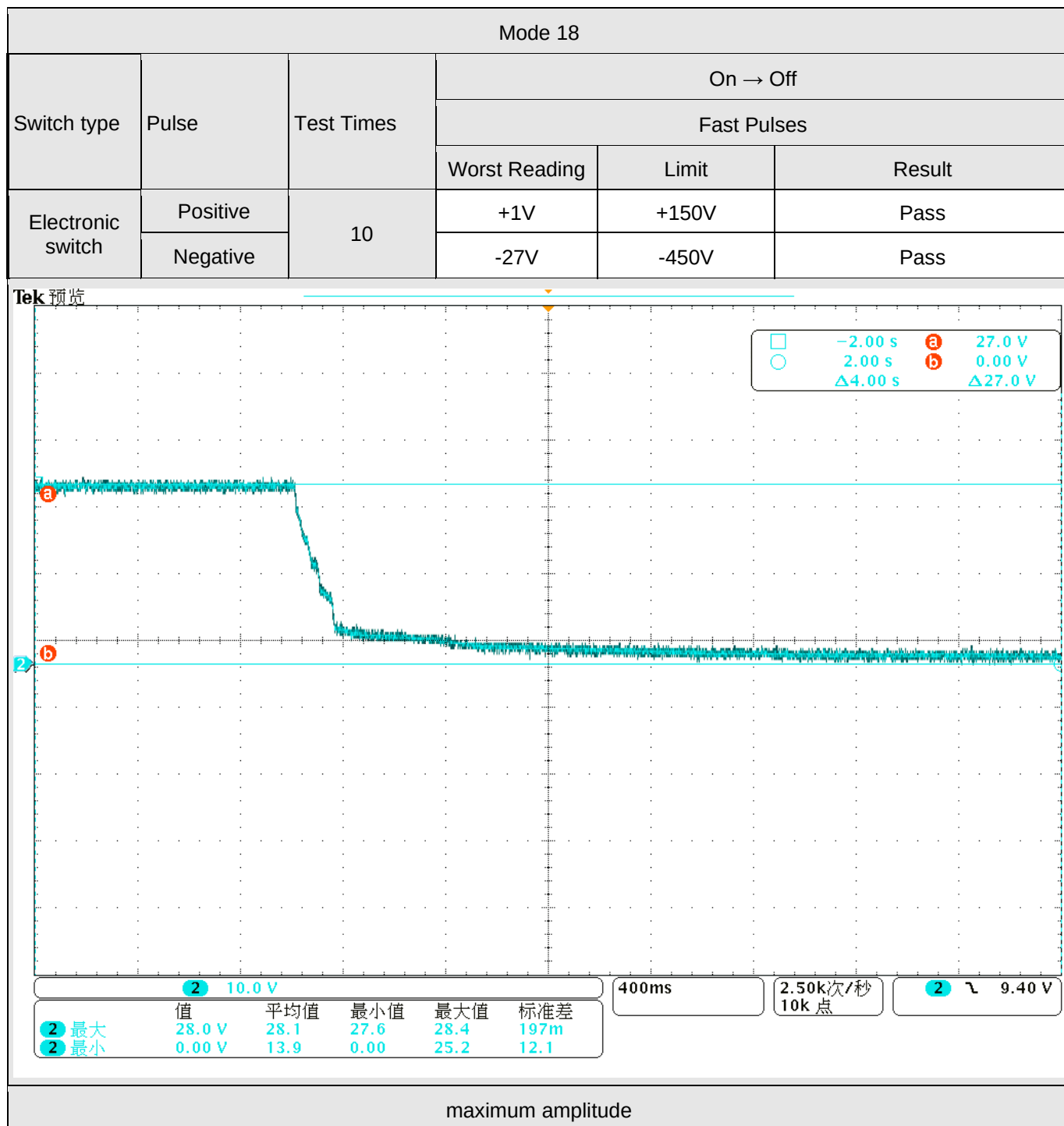


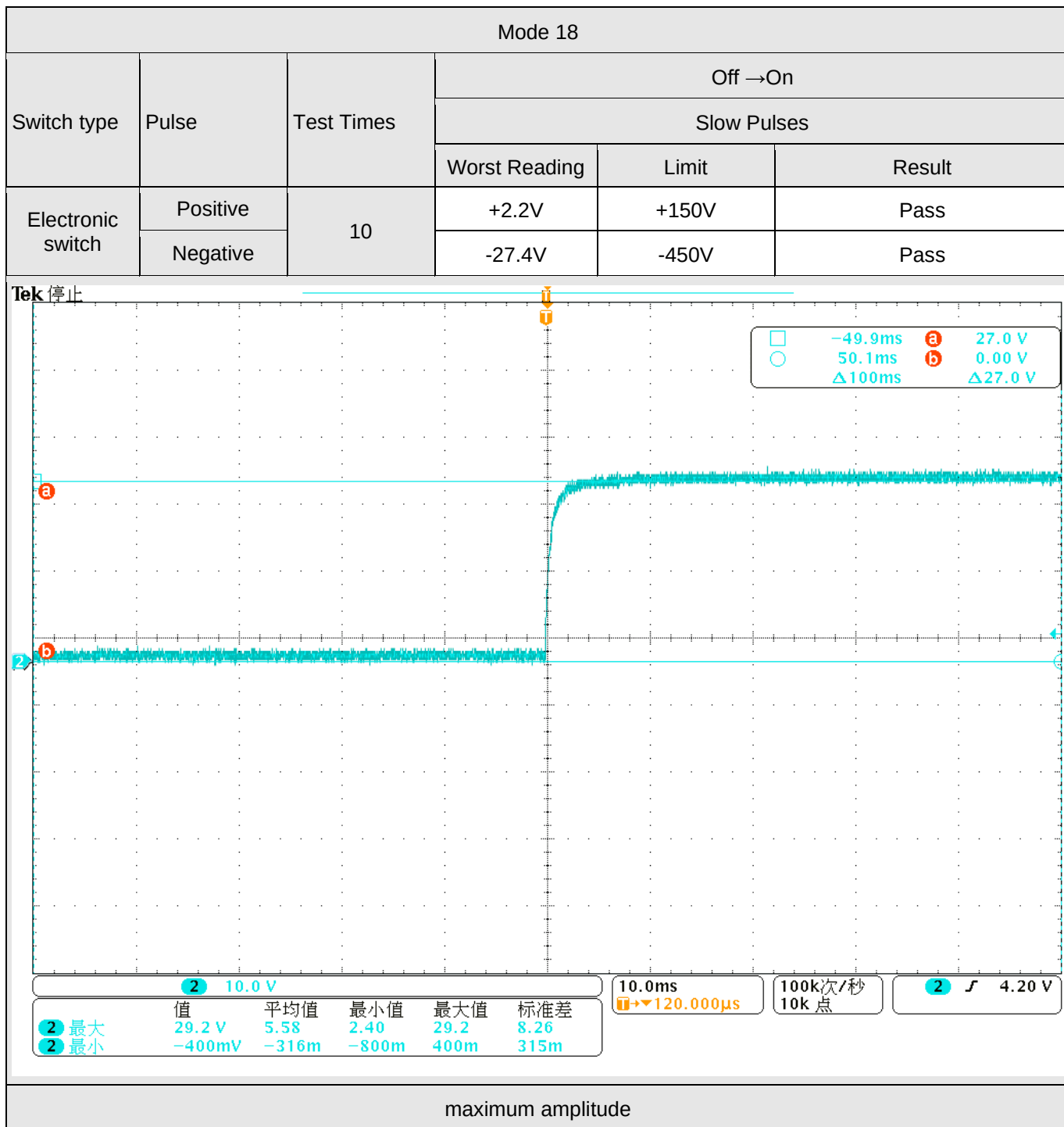


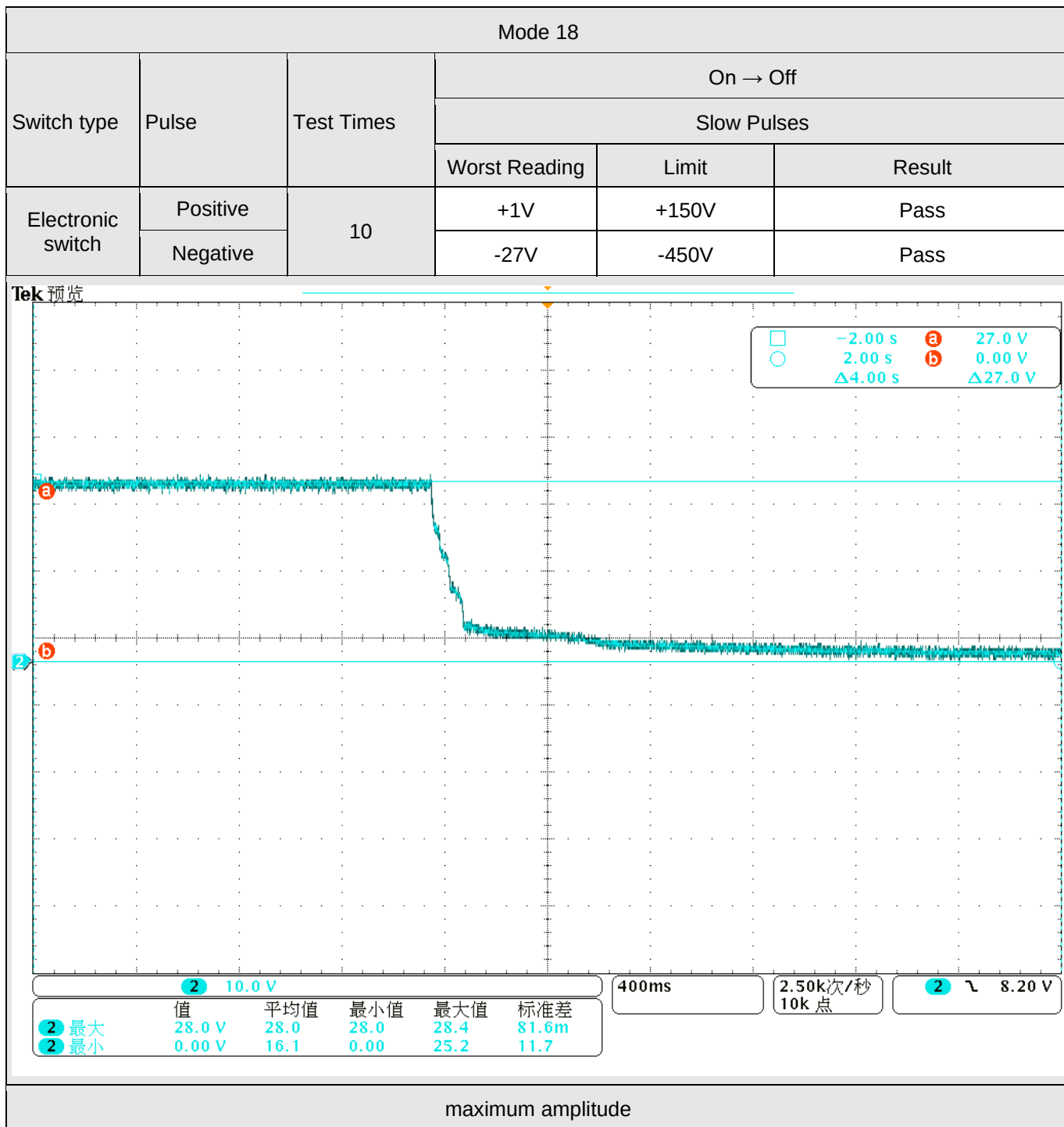












7 Immunity Test Results

Performance Criteria Description in ECE R10-06, ISO 7637-2:2004.

- | | |
|--------------------|---|
| Criterion A | All functions of a device/system perform as designed during and after exposure to disturbance |
| Criterion B | All functions of a device/system perform as designed during exposure. However, one or more of them can go beyond specified tolerance. All functions return automatically to within normal limits after exposure is removed. Memory functions shall remain class A |
| Criterion C | One or more functions of a device/system do not perform as designed during exposure but return automatically to normal operation after exposure is removed |
| Criterion D | One or more functions of a device/system do not perform as designed during exposure and do not return to normal operation until exposure is removed and the device/system is reset by simple "operator/use" action |
| Criterion E | One or more functions of a device/system do not perform as designed during and after exposure and cannot be returned to proper operation without repairing or replacing the device/system |



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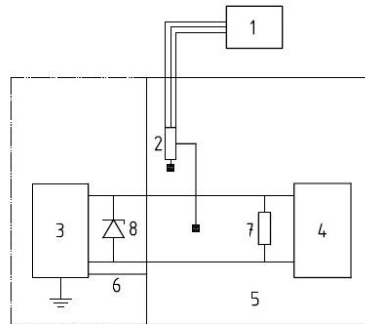
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7.1 Conducted transient immunity

Test Requirement: ECE R10.06

Test Method: ISO 7637-2:2004

7.1.1 Test Setup Diagram



Key	
1	oscilloscope or equivalent
2	voltage probe
3	test pulse generator with internal power supply
4	DUT
5	ground plane
6	Ground connection
7	optional resistor (R_v) ^a
8	optional diode bridge ^b

7.1.2 E.U.T. Operation

Operating Environment:

Temperature: 24.3 °C

Humidity: 50.6 % RH

Atmospheric Pressure: 1020 mbar

7.1.3 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	00	1#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR50X)
Final test	01	1#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR50X)
Final test	02	1#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR50X)
Final test	03	1#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR50X)
Final test	04	2#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Final test	05	2#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR65)
Final test	06	2#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Final test	07	2#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)



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Final test	08	3#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Final test	09	3#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR65)
Final test	10	3#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Final test	11	3#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR65)
Final test	12	4#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90)
Final test	13	4#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR90)
Final test	14	4#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90)
Final test	15	4#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90)
Final test	16	5#_DC 13.5V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90X)
Final test	17	5#_DC 13.5V power supply_Minimum Cooling mode_Keep EUT working at Minimum Cooling mode.(CR90X)
Final test	18	5#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90X)
Final test	19	5#_DC 27V power supply_Maximum Cooling mode_Keep EUT working at Maximum Cooling mode.(CR90X)



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7.1.4 Test Condition and Results:

Test Pulse Number	Immunity Test Level	Min. number of pulses or test time	Performance Criterion required	Result / Observations
Mode 00; Mode 01; Mode 04; Mode 05; Mode 08; Mode 09; Mode 12; Mode 13; Mode 16; Mode 17				
1	III (Us=-75V)	5000 pulses	D	C
2a	III (Us=+37V)	5000 pulses	D	A
2b	III (Us=+10V)	10 pulses	D	C
3a	III (Us=-112V)	1h	D	A
3b	III (Us=+75V)	1h	D	A
4	III (Us=-6V)	1 pulse	D	C
Mode 02; Mode 03; Mode 06; Mode 07; Mode 10; Mode 11; Mode 14; Mode 15; Mode 18; Mode 19				
1	III (Us=-450V)	5000 pulses	D	C
2a	III (Us=+37V)	5000 pulses	D	A
2b	III (Us=+20V)	10 pulses	D	C
3a	III (Us=-150V)	1h	D	A
3b	III (Us=+150V)	1h	D	A
4	III (Us=-12V)	1 pulse	D	C
A: No degradation in the performance of the EUT was observed				
C: The EUT resets periodicity during the test and recover automatically after the test.				



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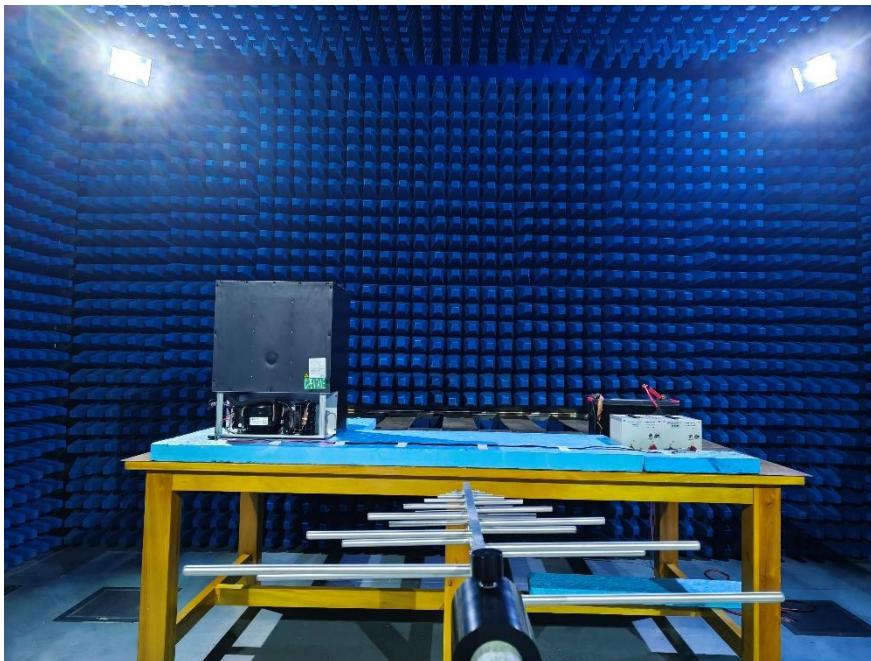
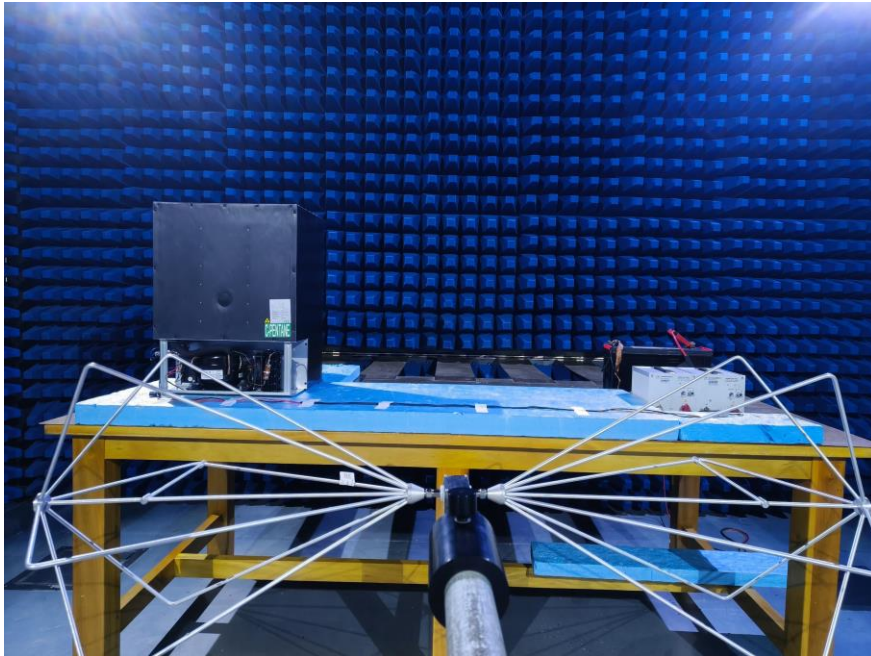
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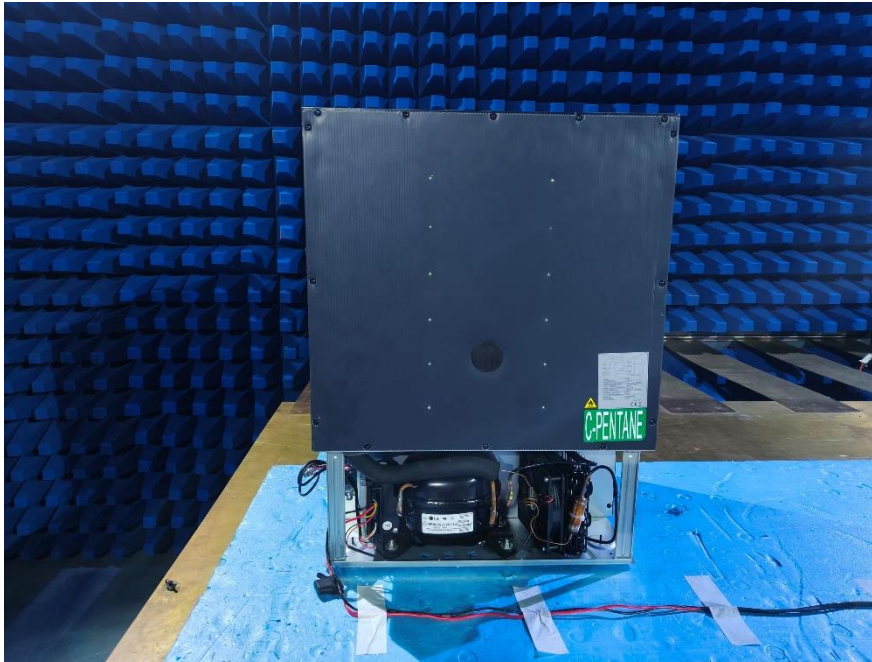
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8 Test Setup Photo

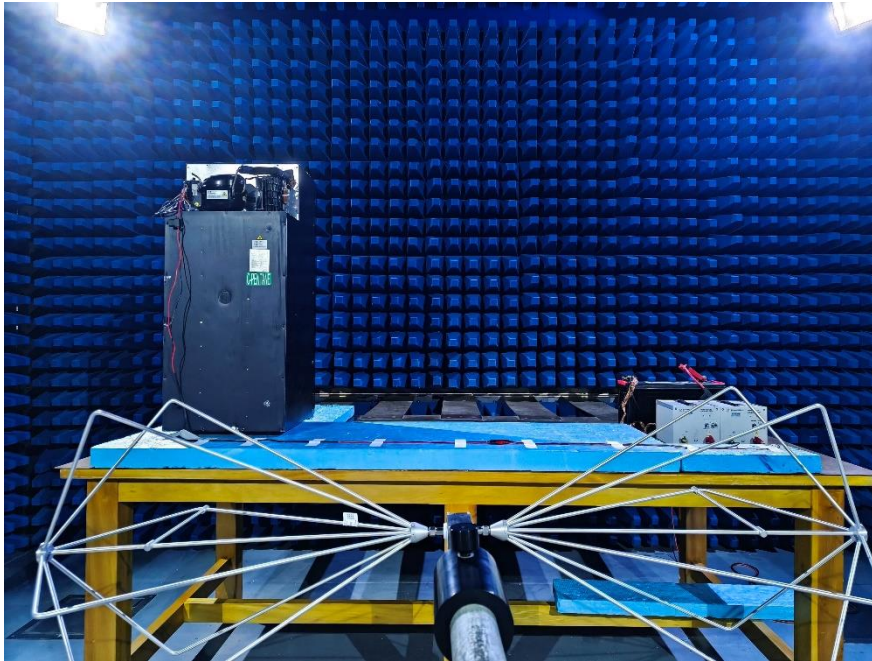
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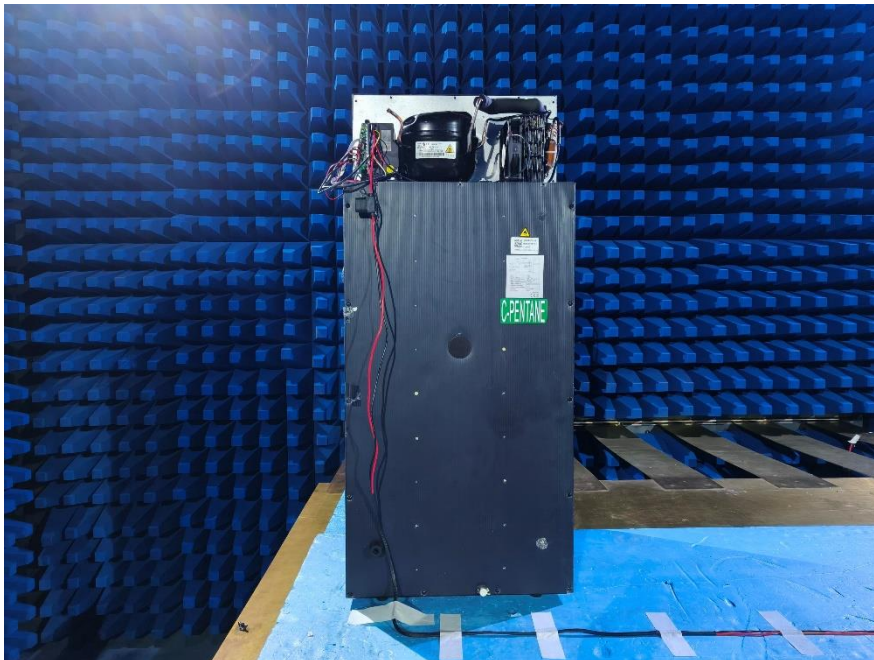
3#_CR65



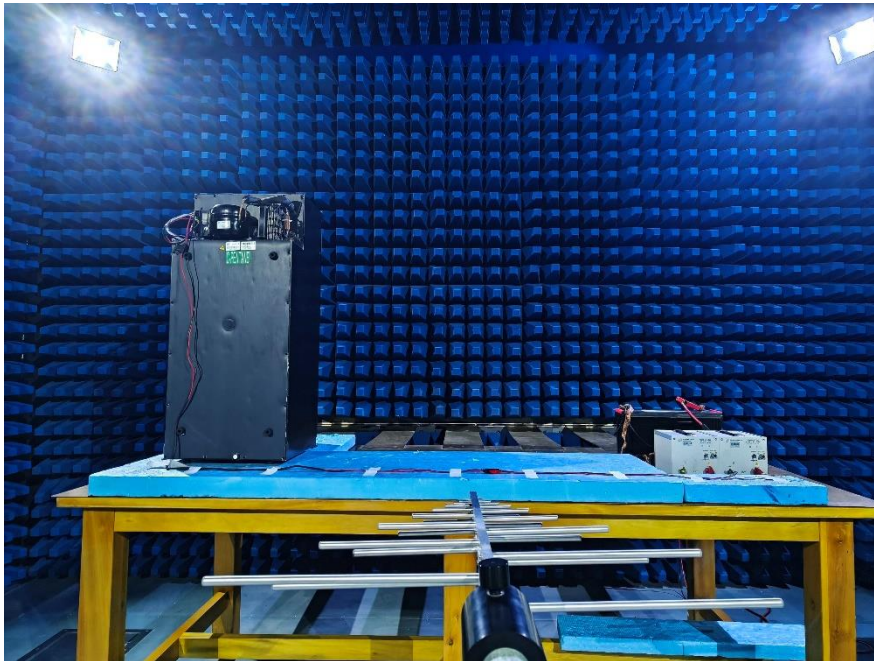
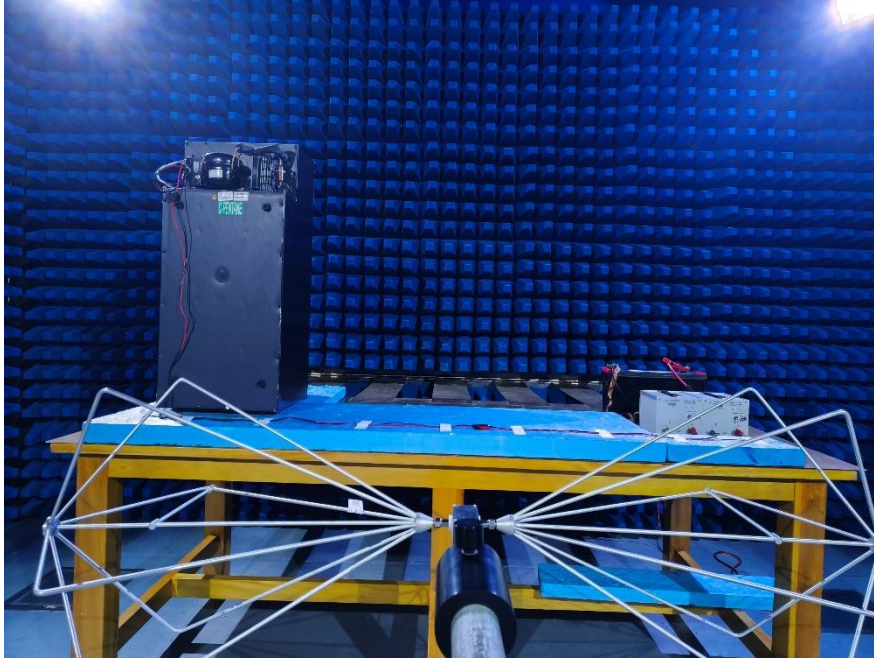


4#_CR90





5#_CR90X



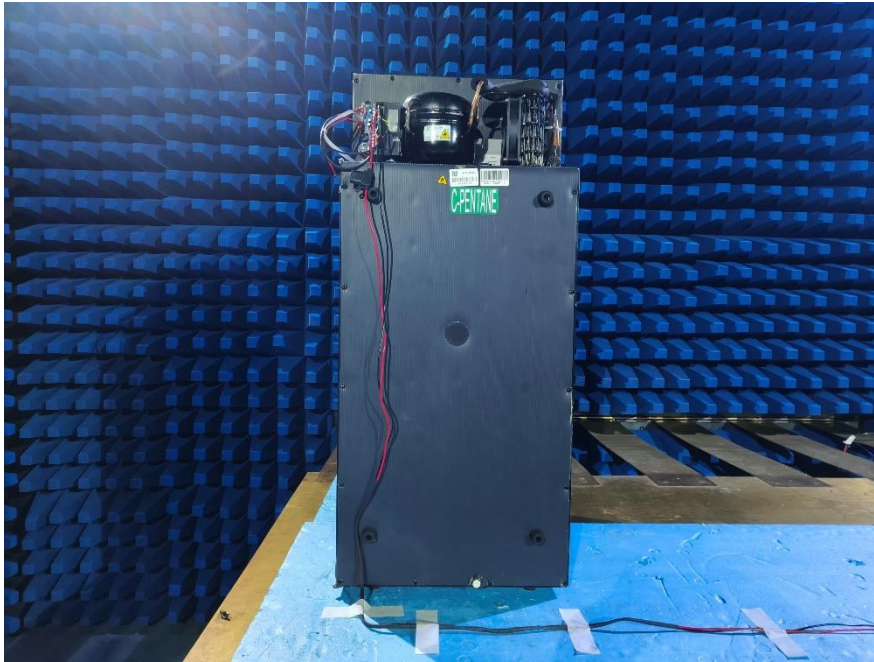
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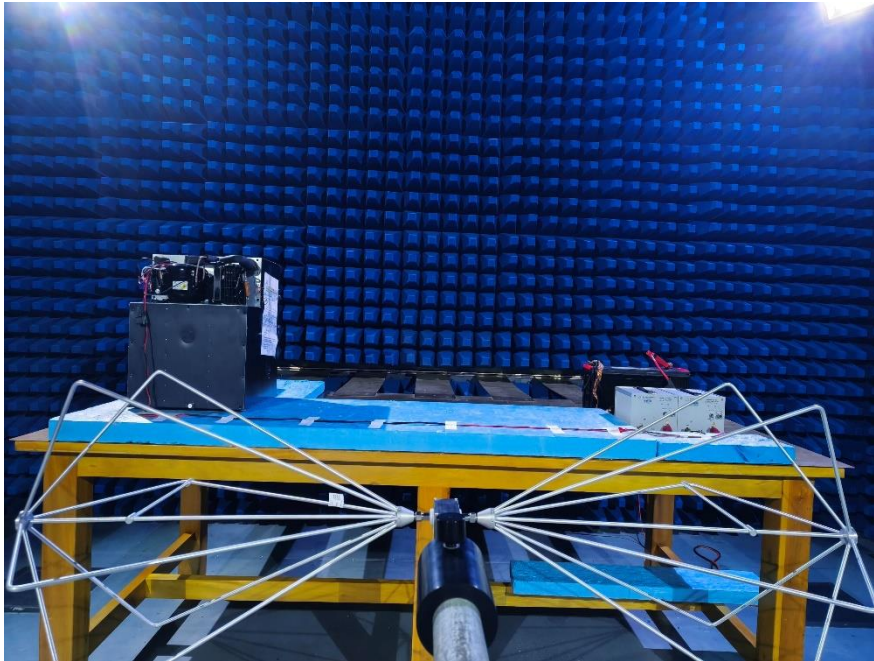
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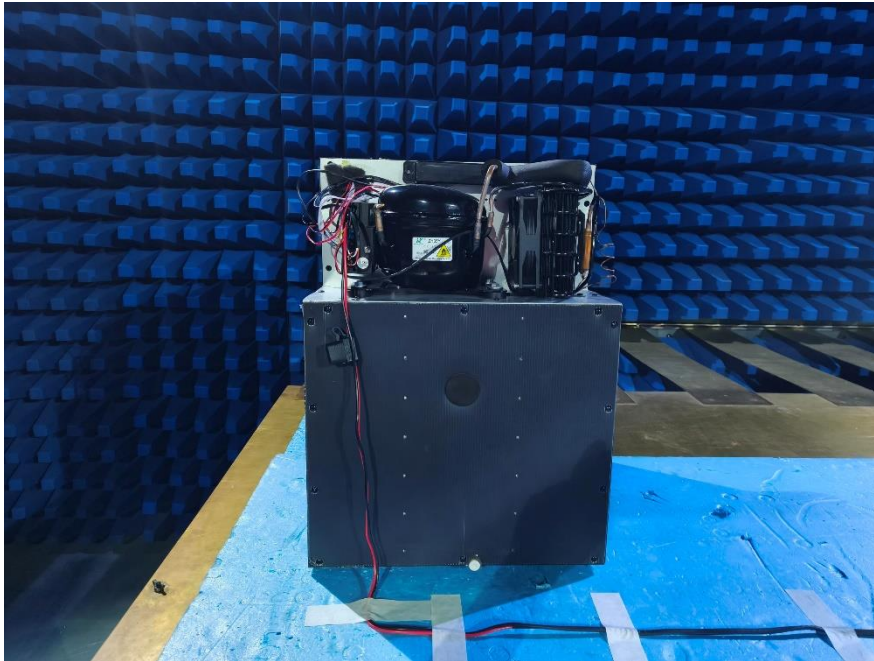
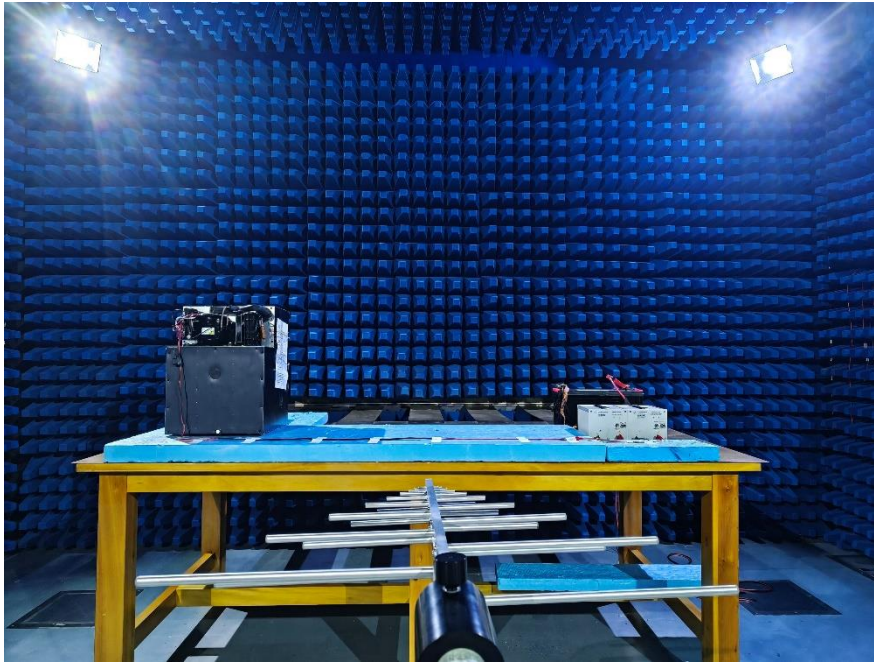
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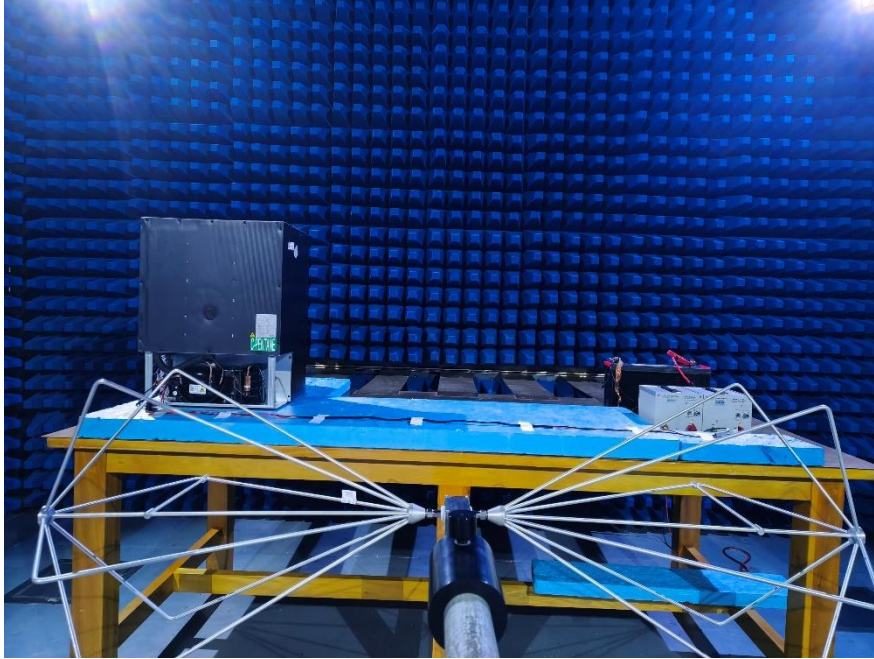


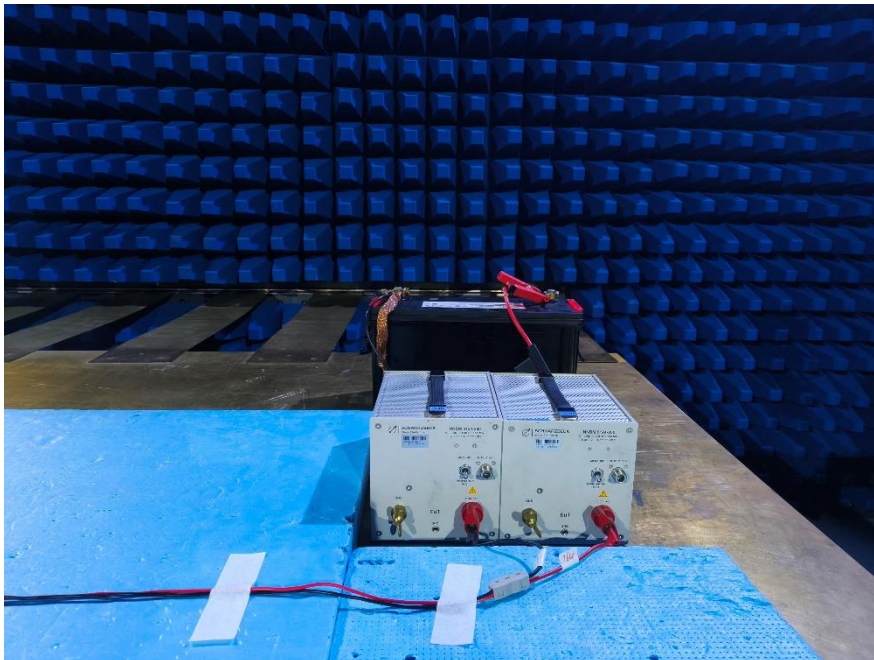
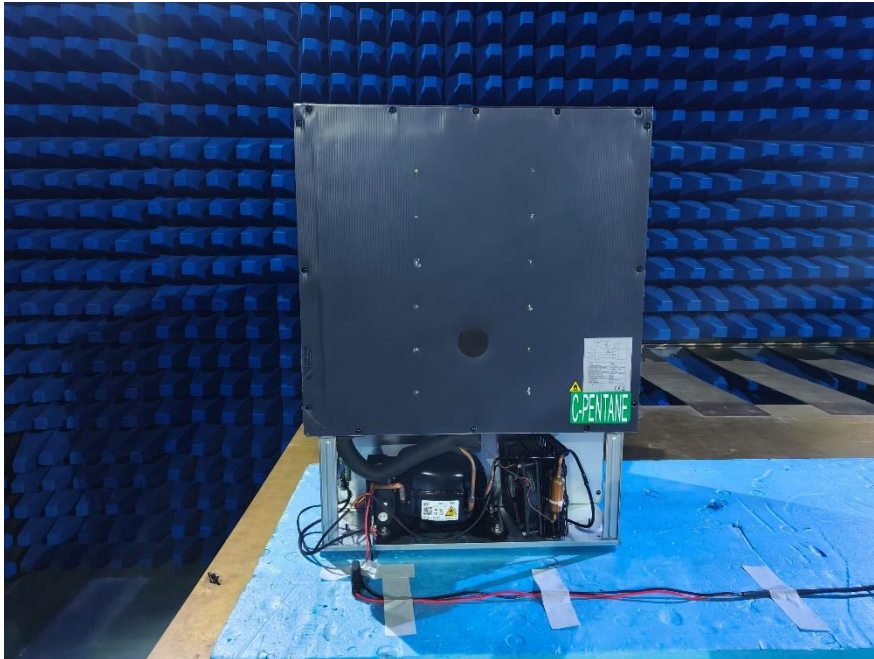
1#_CR50X





2#_CR65





Conducted transient disturbances

1#_CR50X



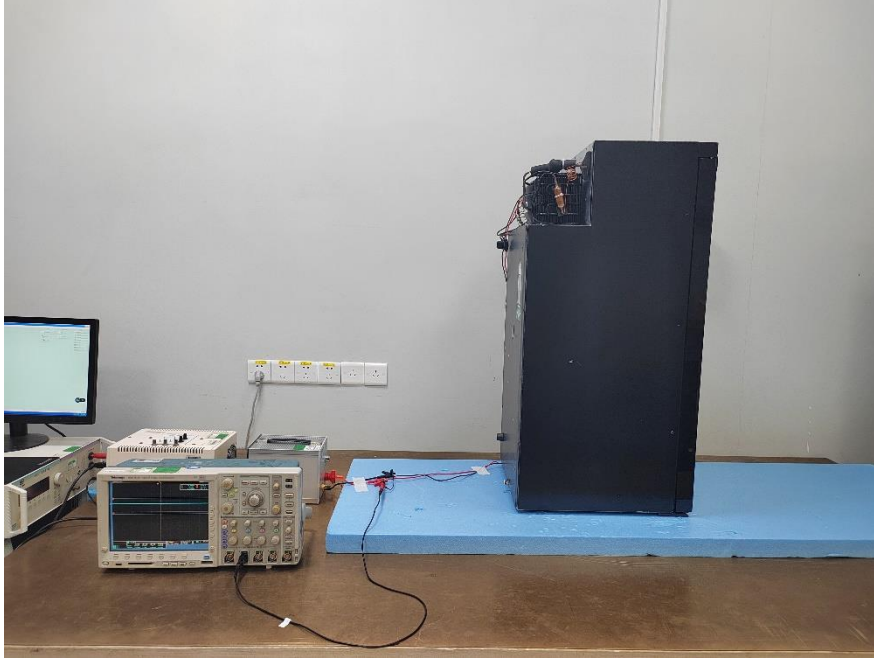
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3#_CR65



4#_CR90

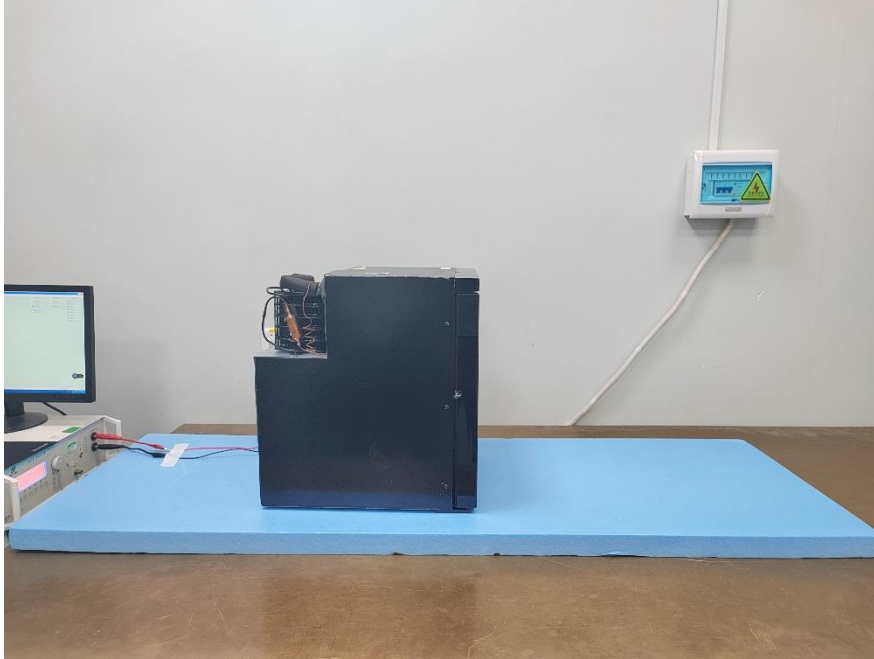


5#_CR90X



Conducted transient immunity

1#_CR50X



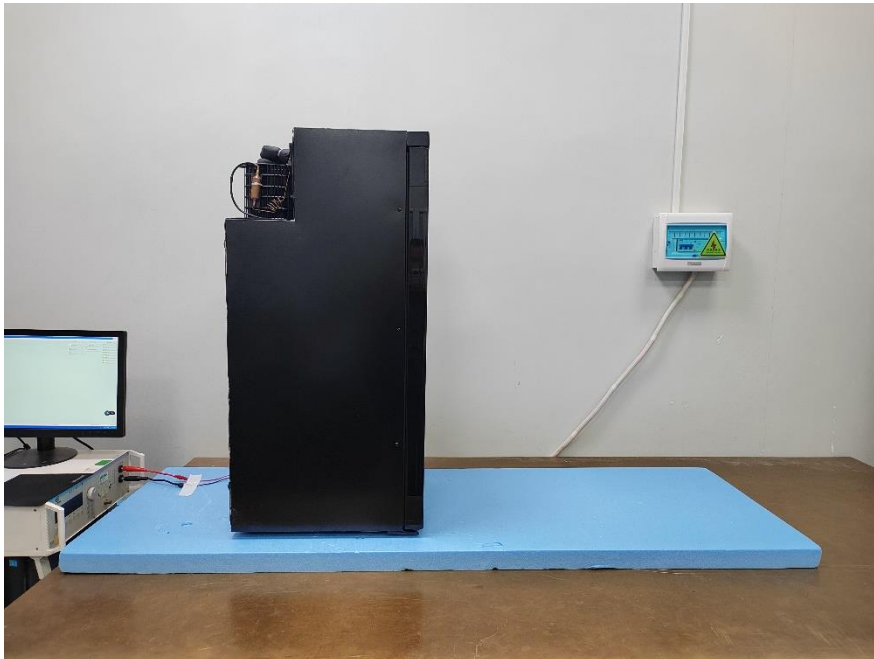
3#_CR65



2#_CR65



5#_CR90X



4#_CR90



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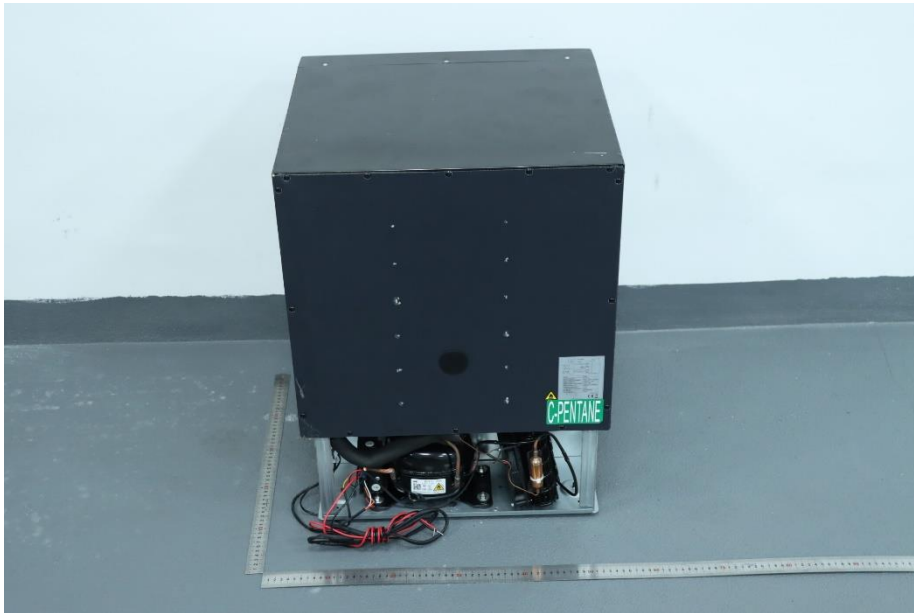
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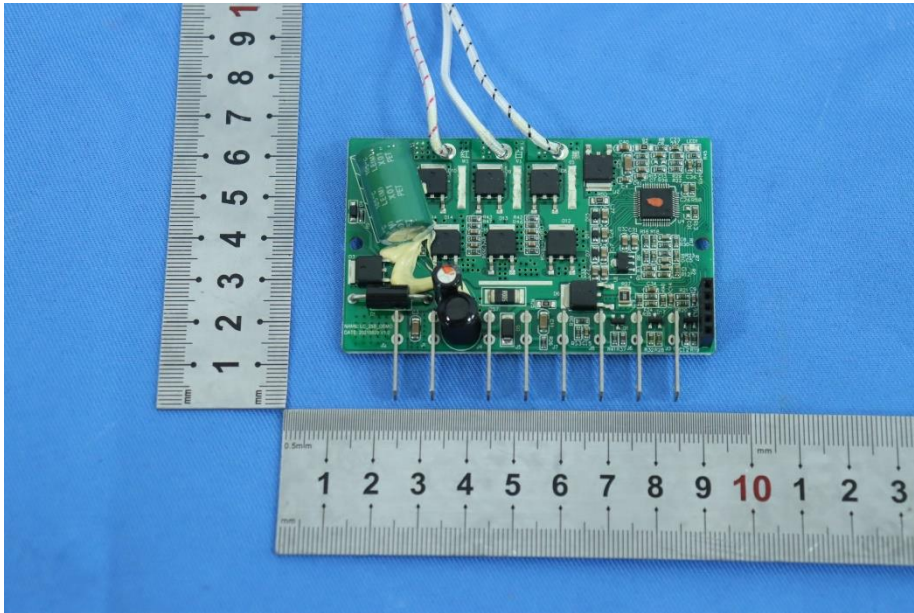
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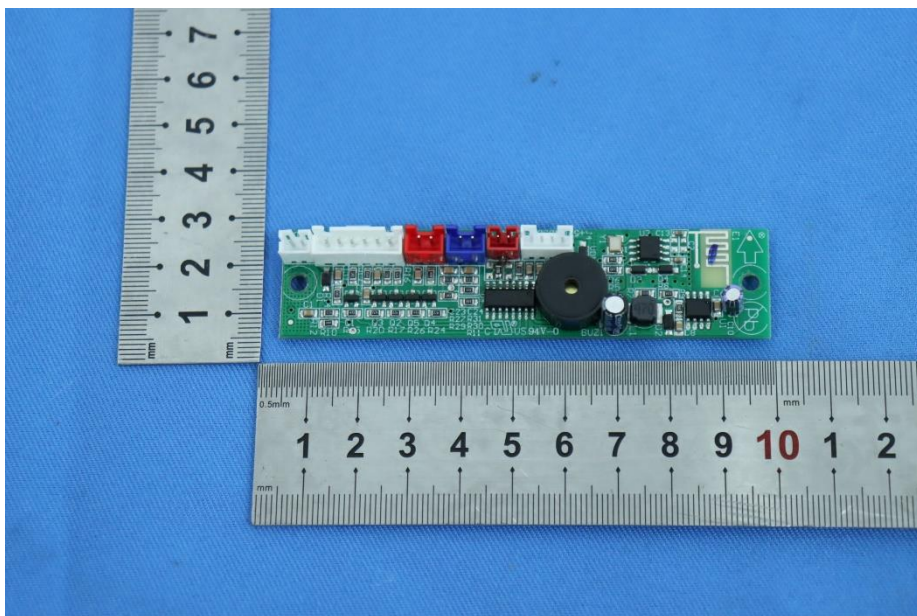
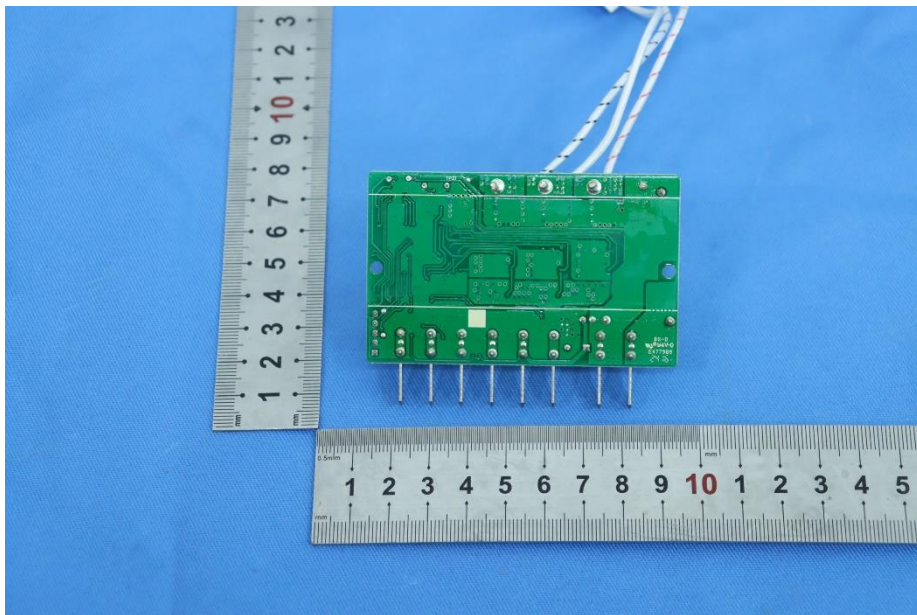
9 EUT Constructional Details (EUT Photos)

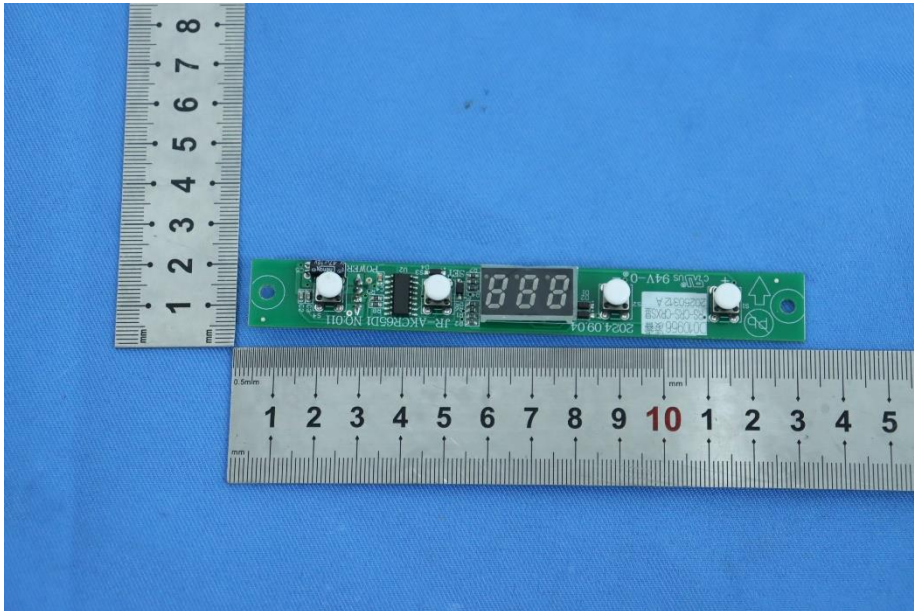
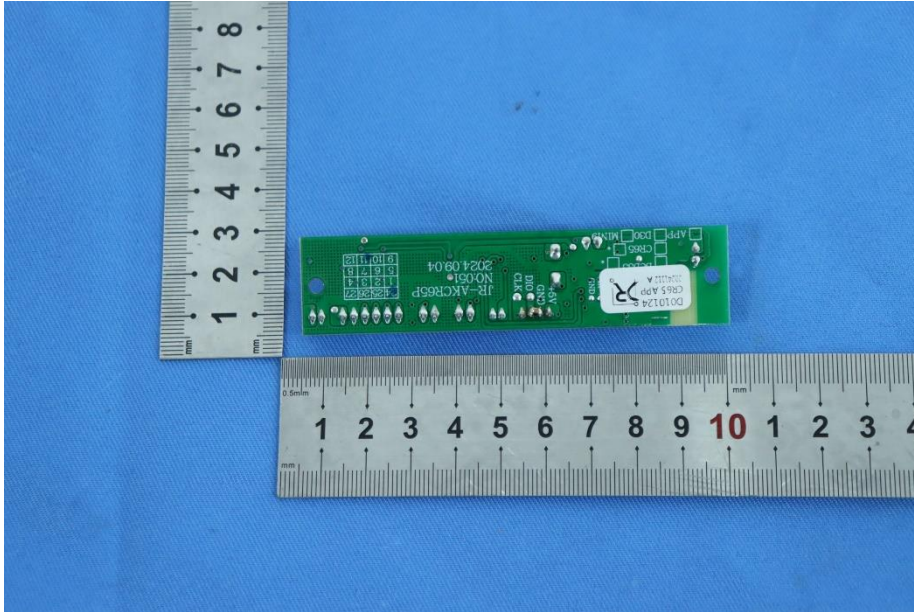
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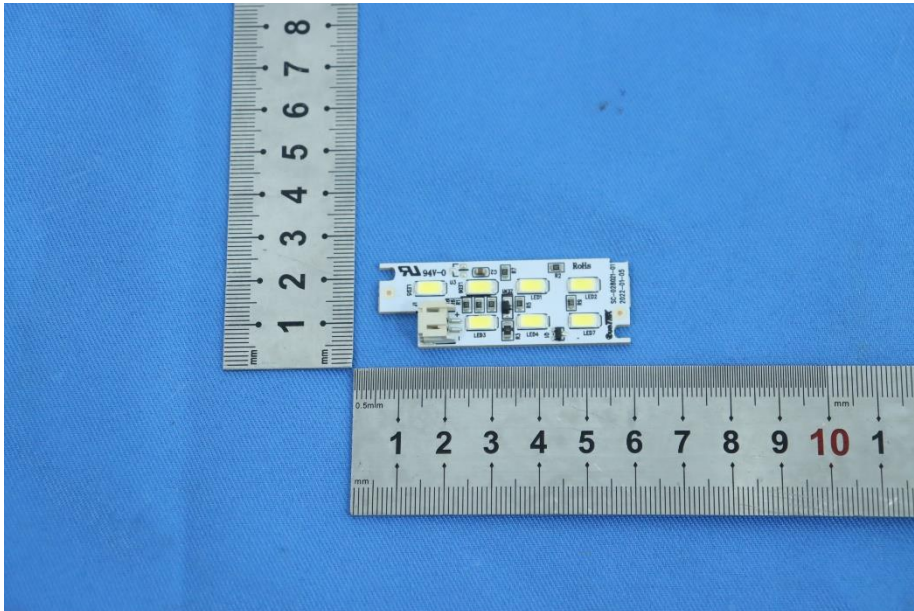
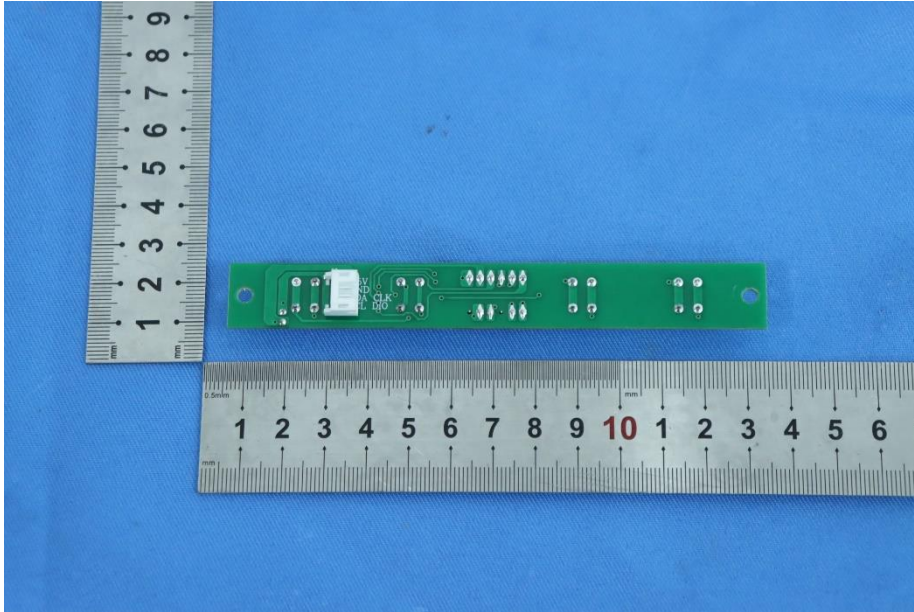


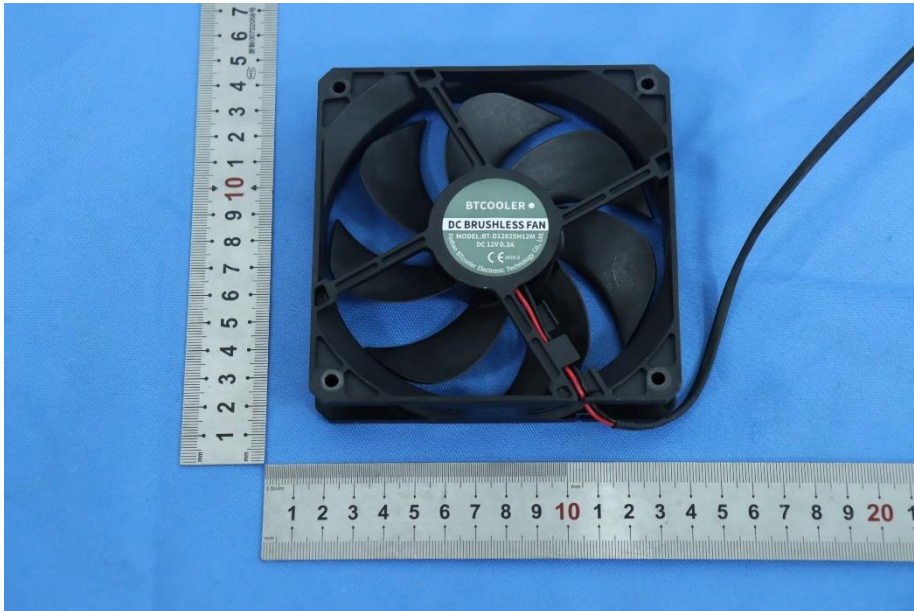
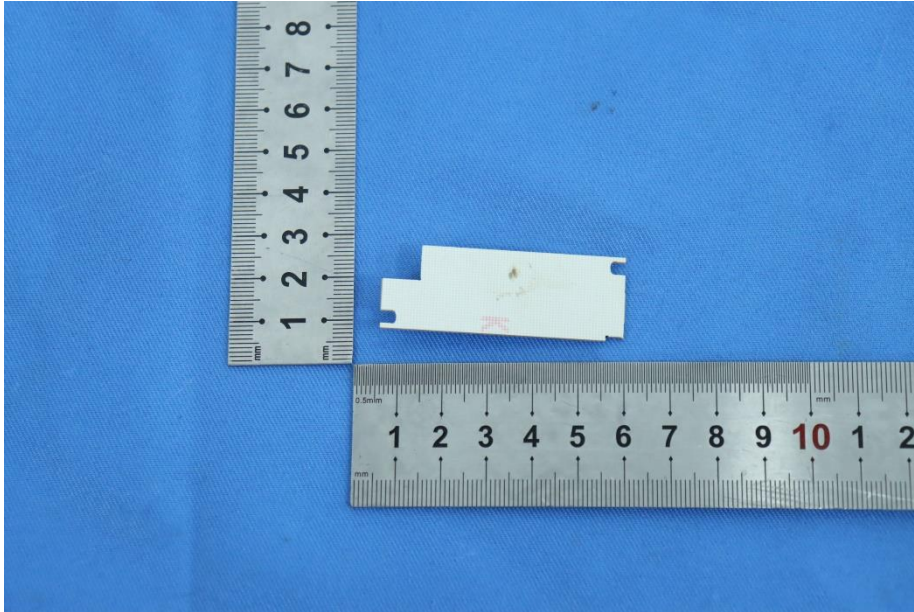


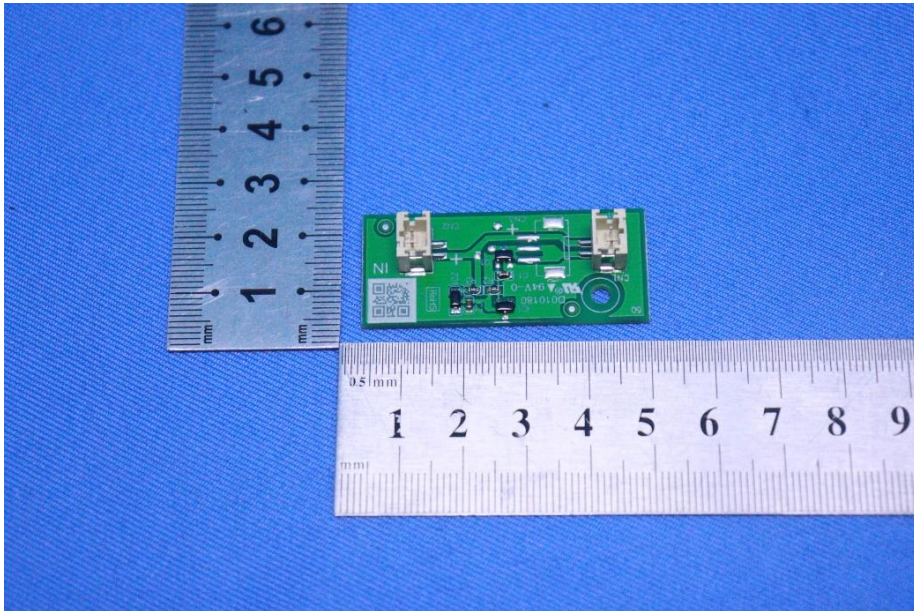
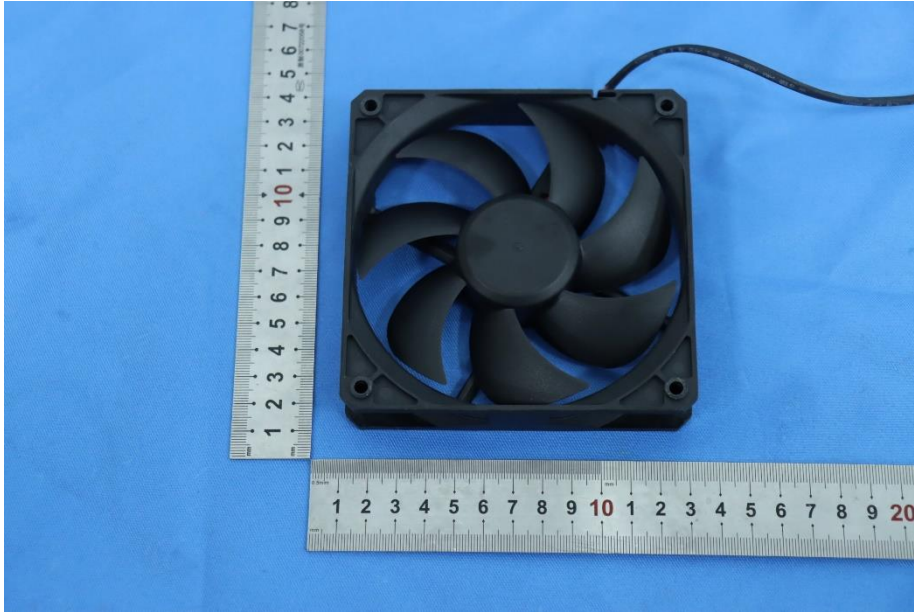


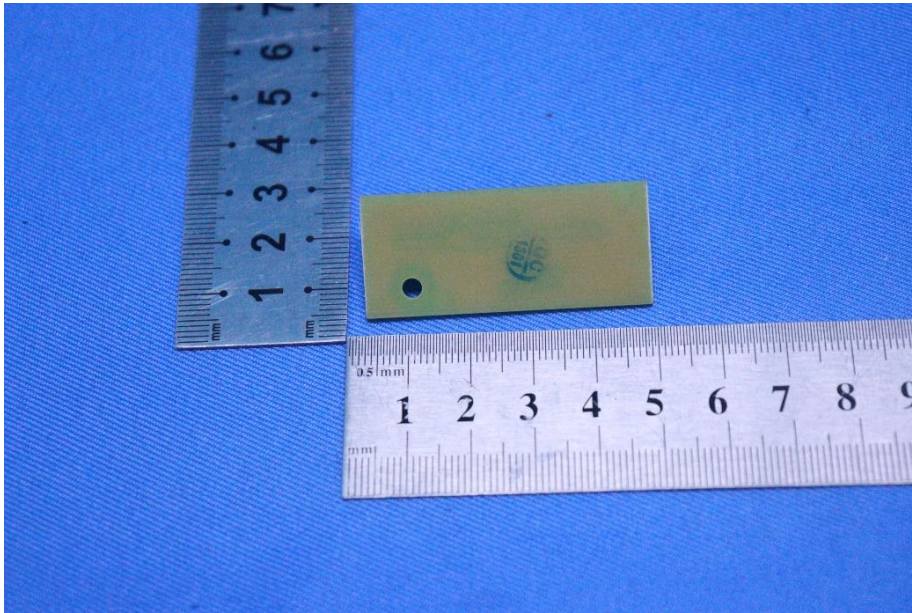






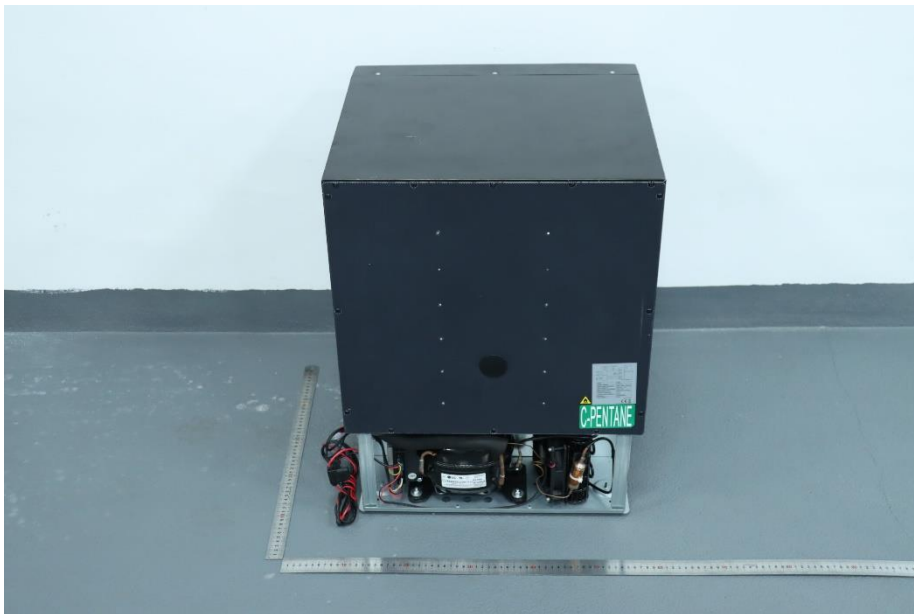




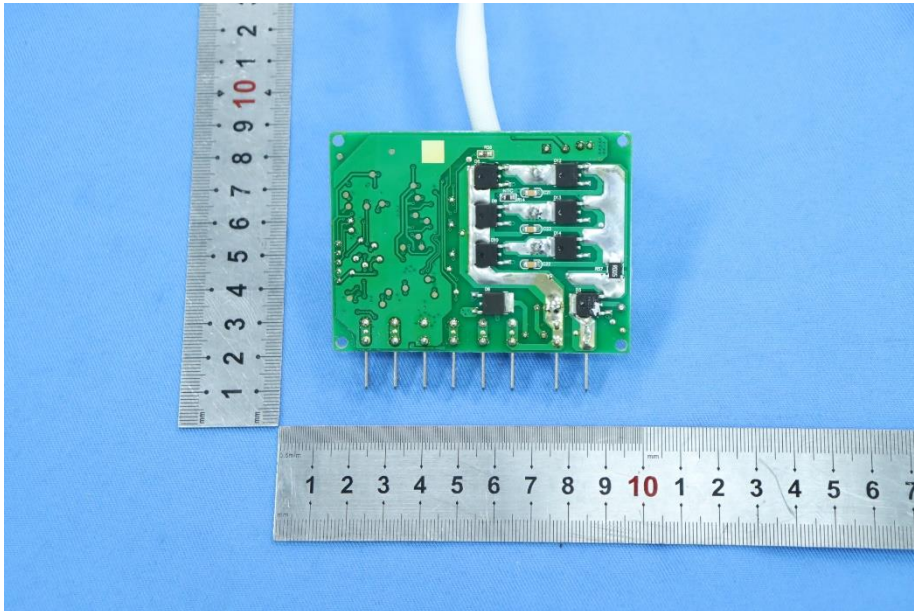
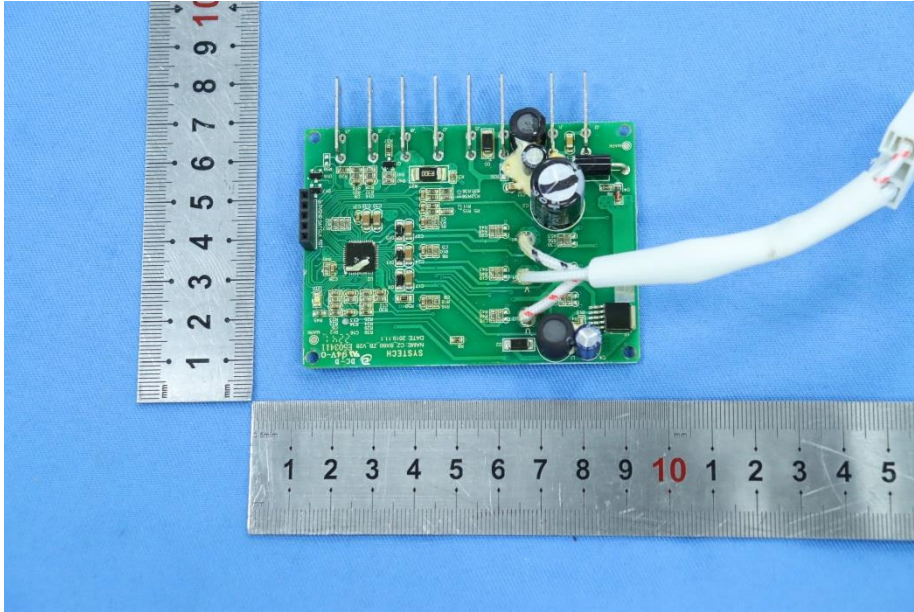


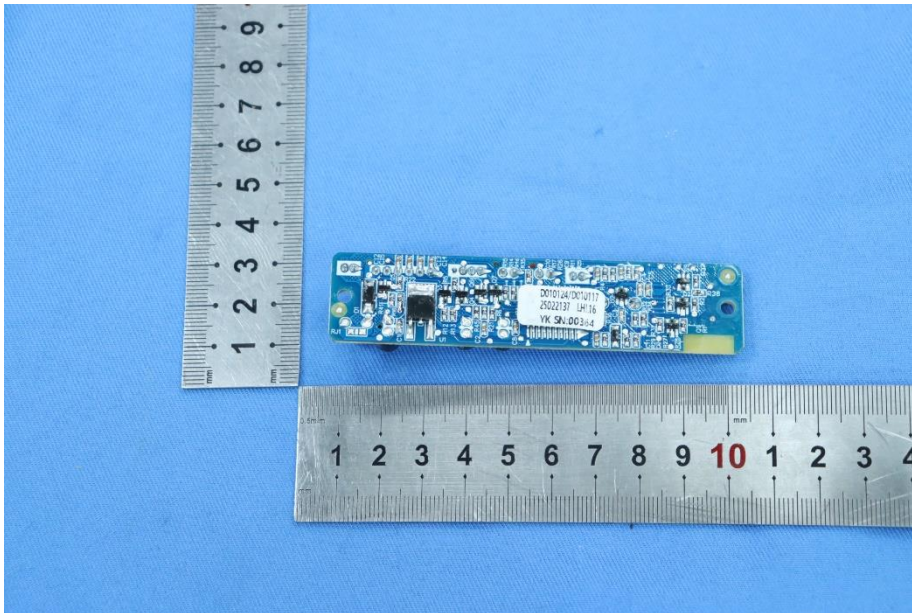
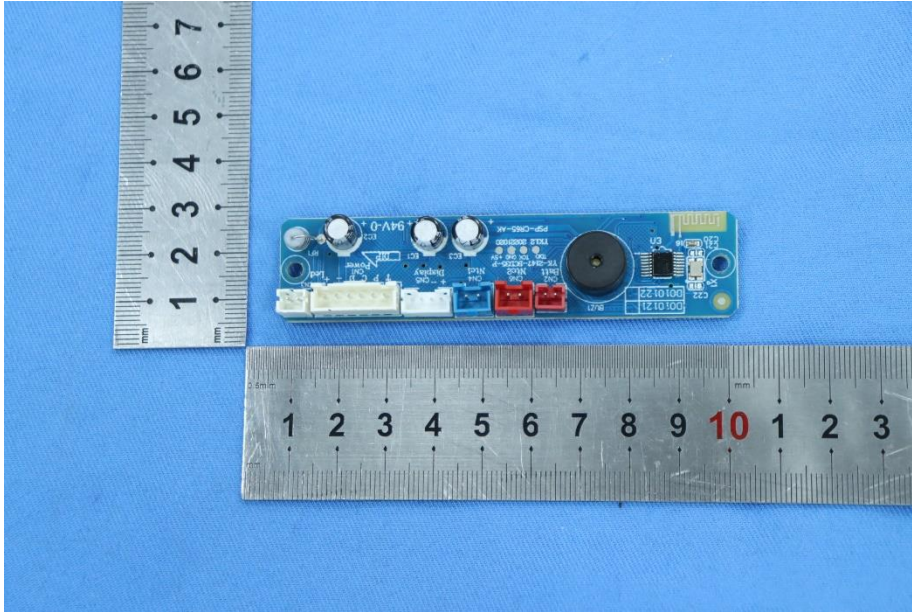
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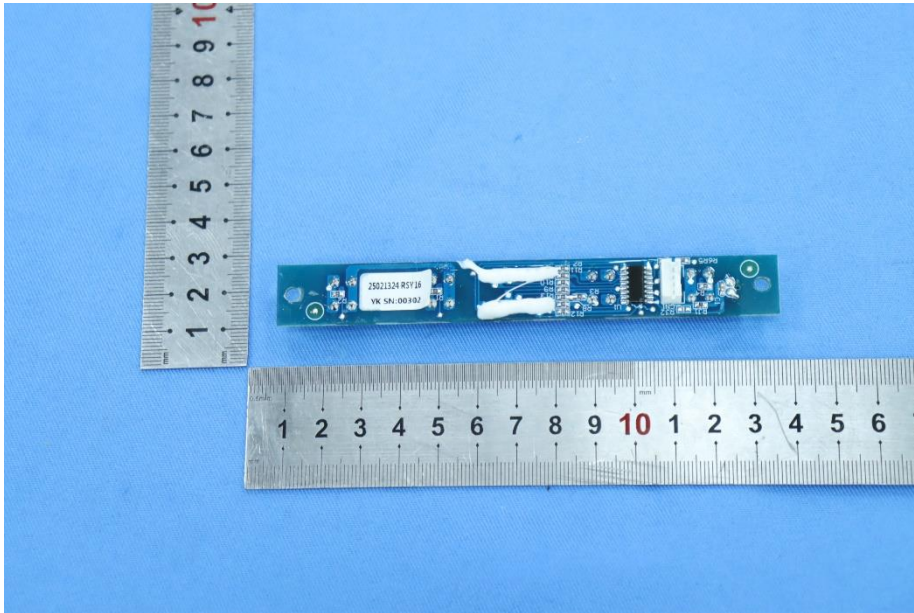
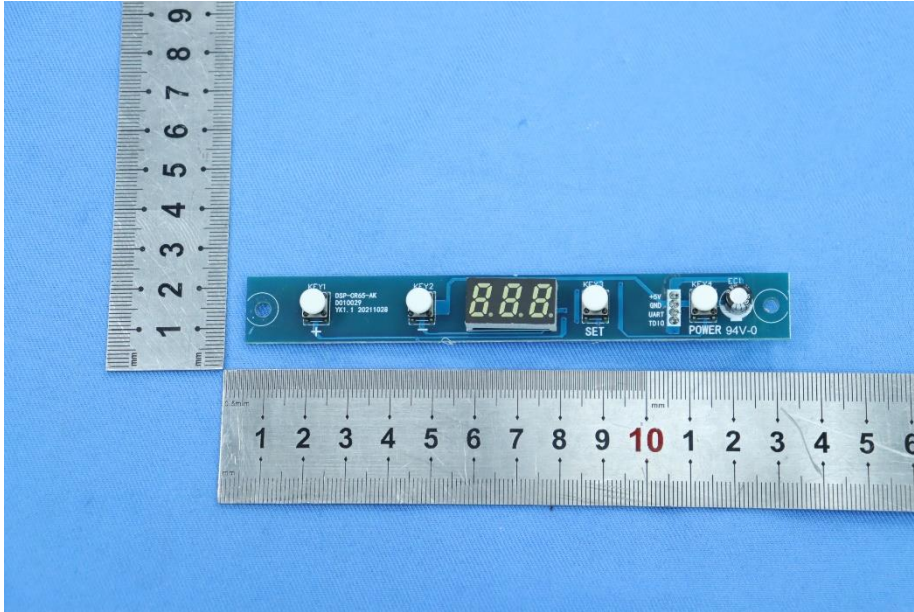


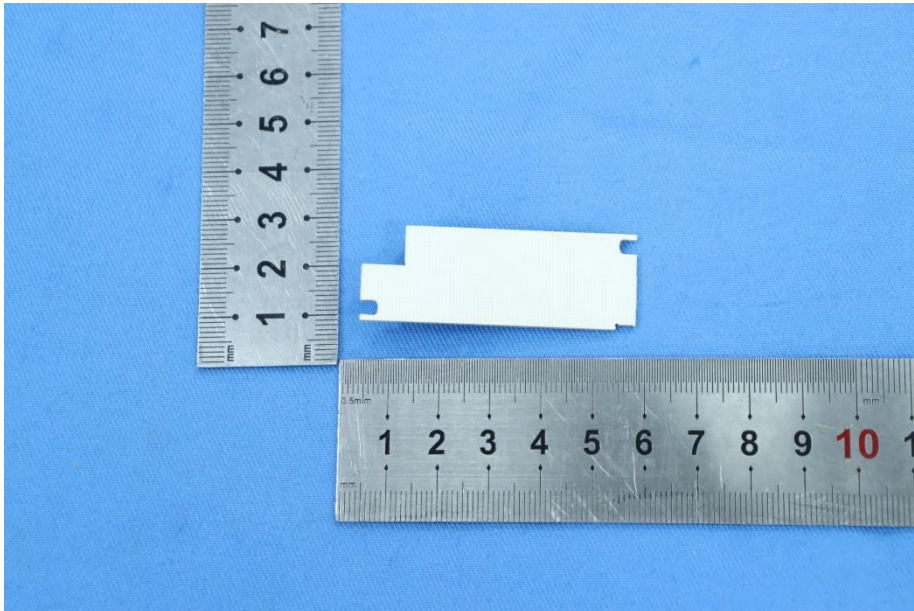
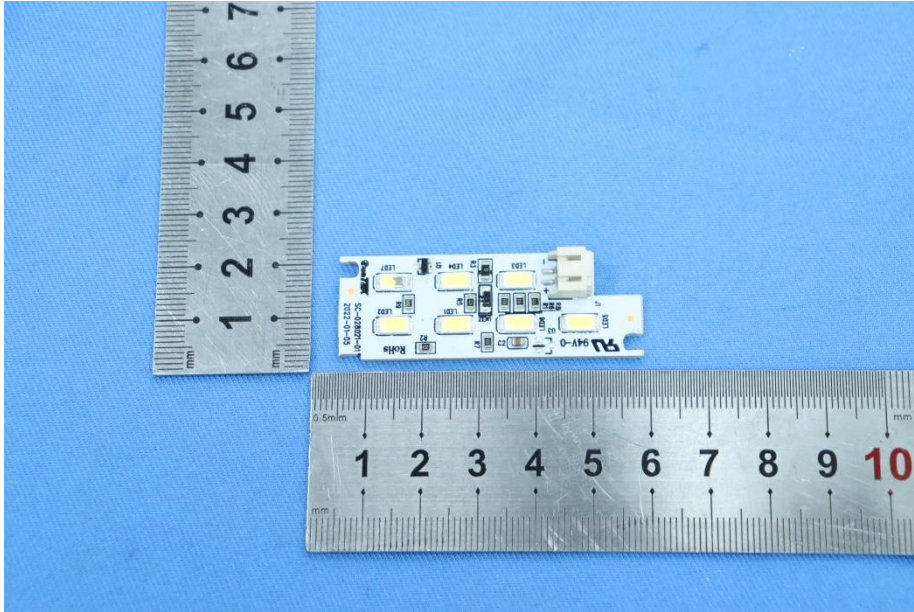


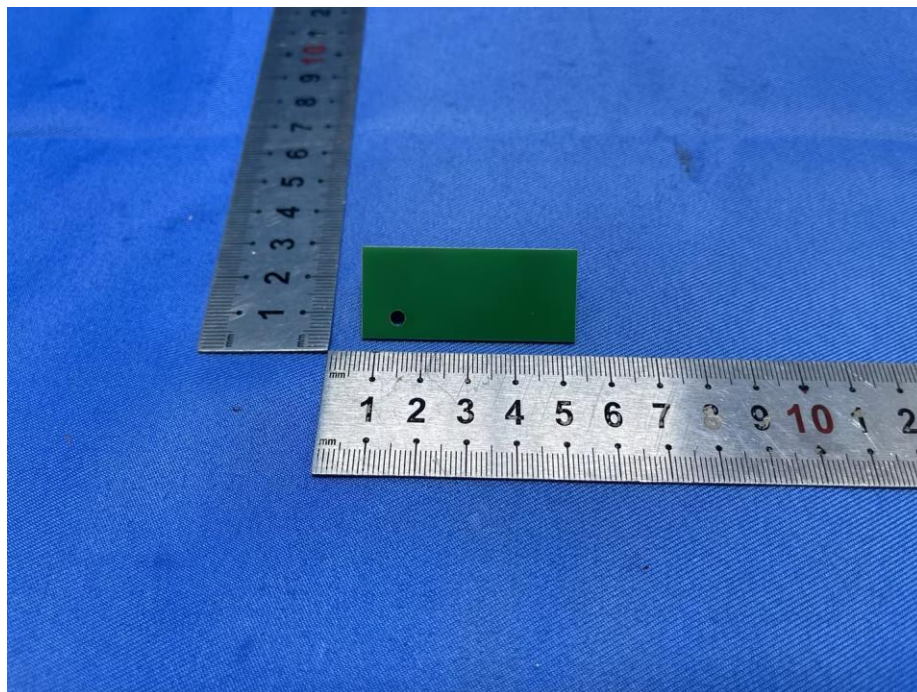
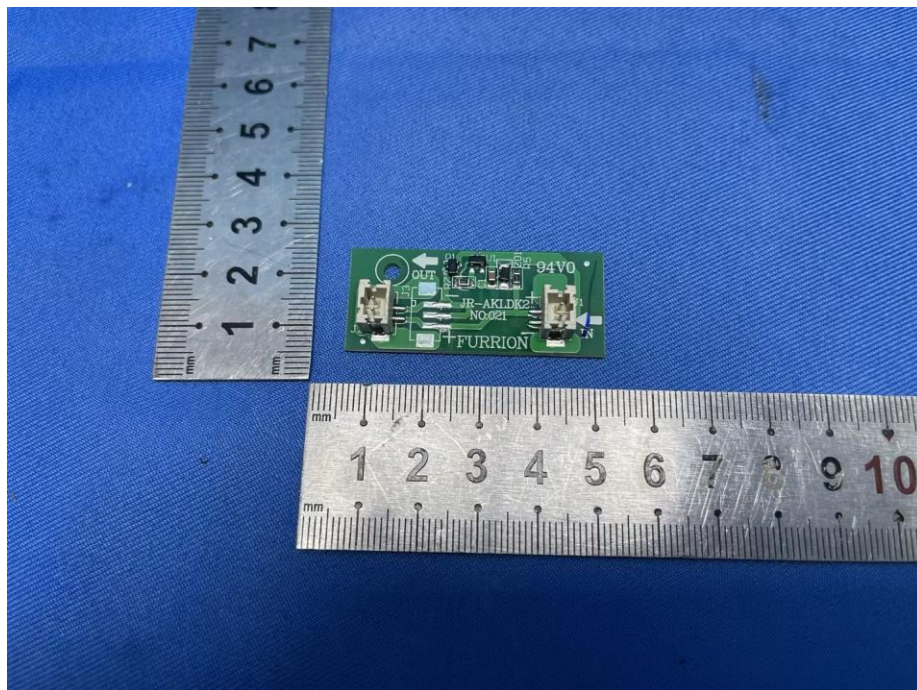


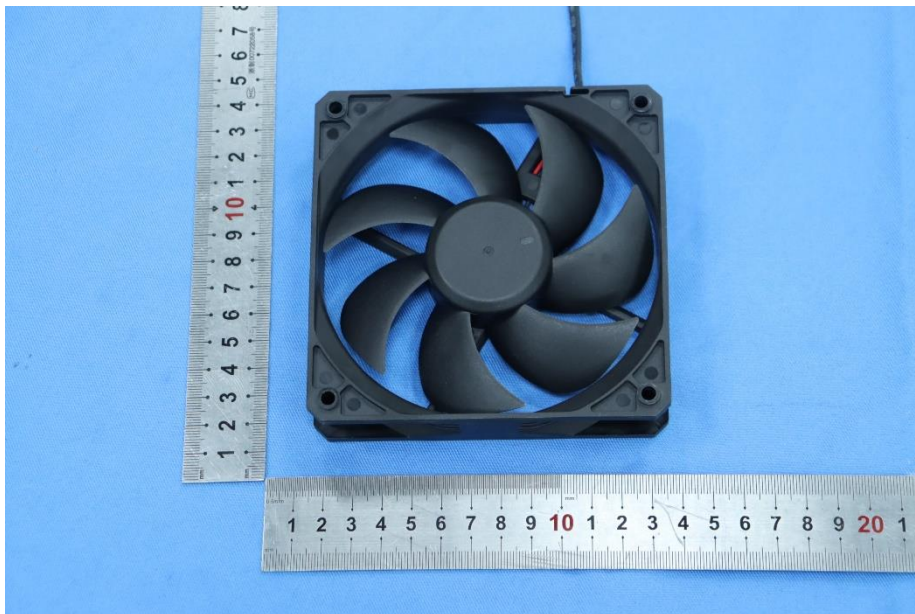
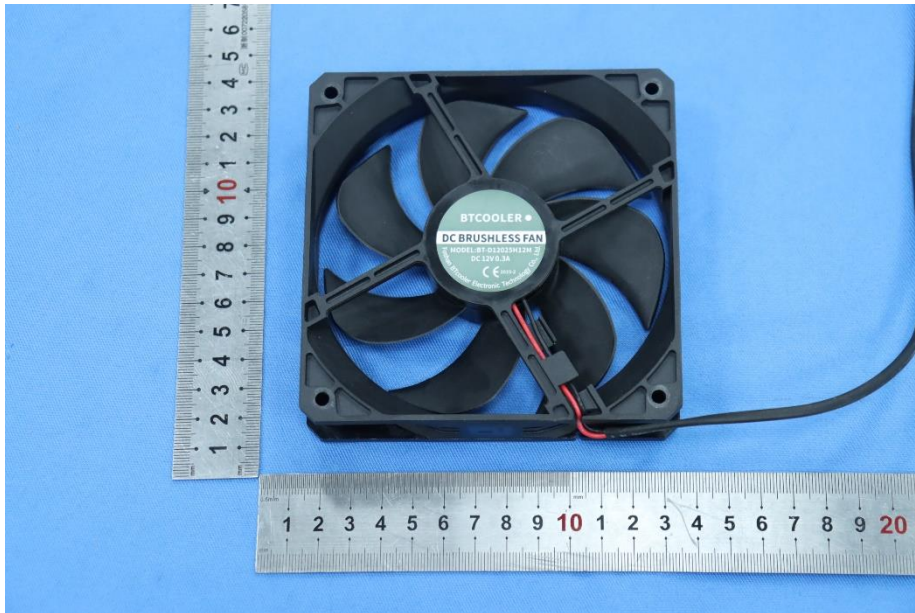






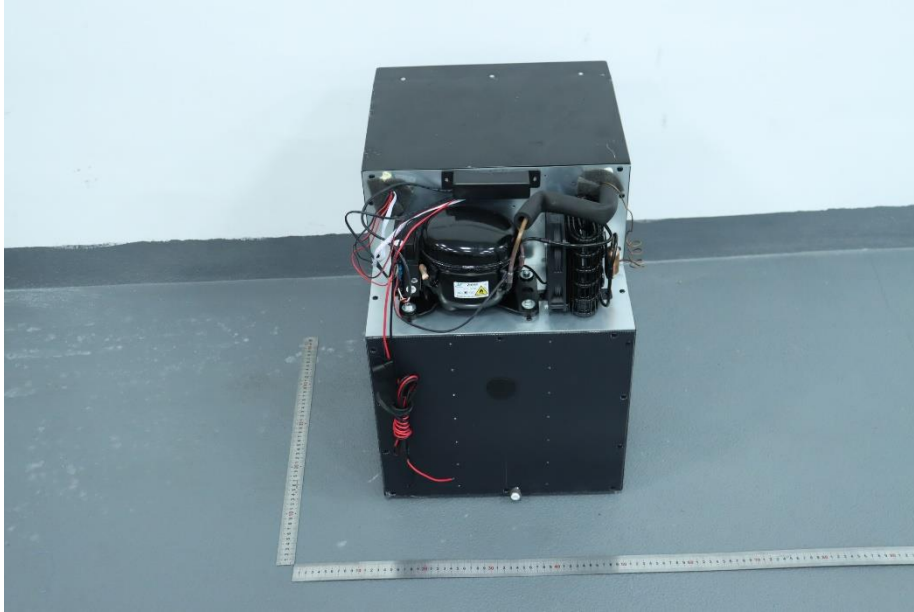


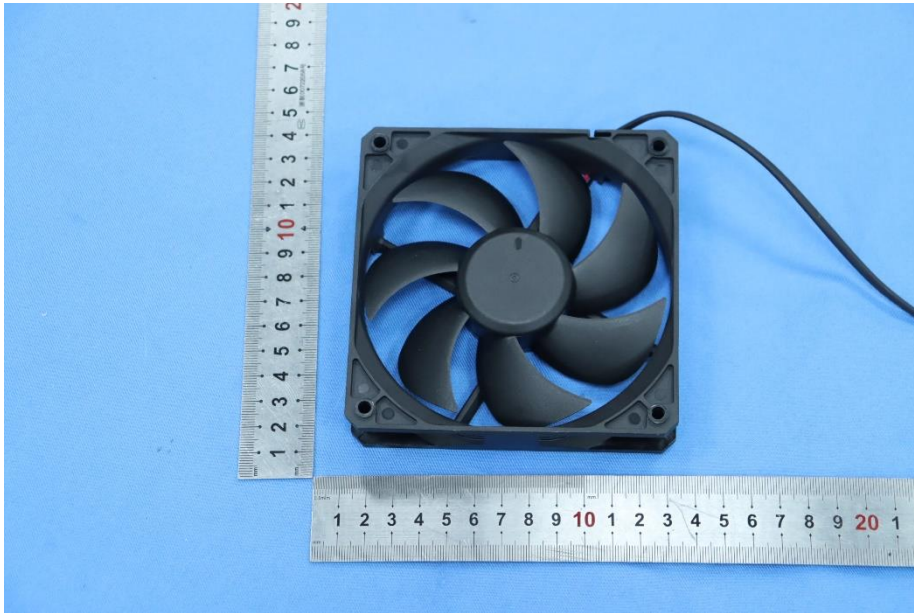
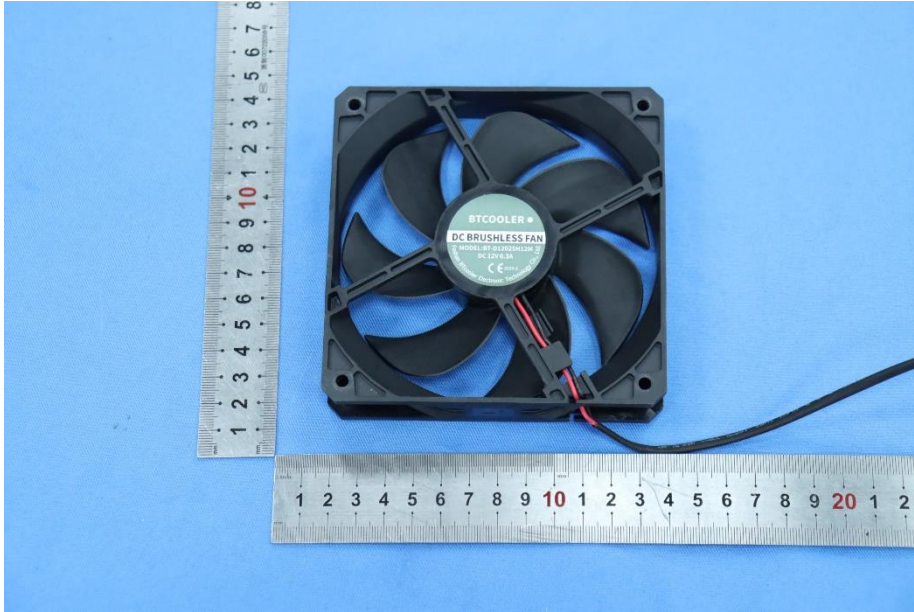


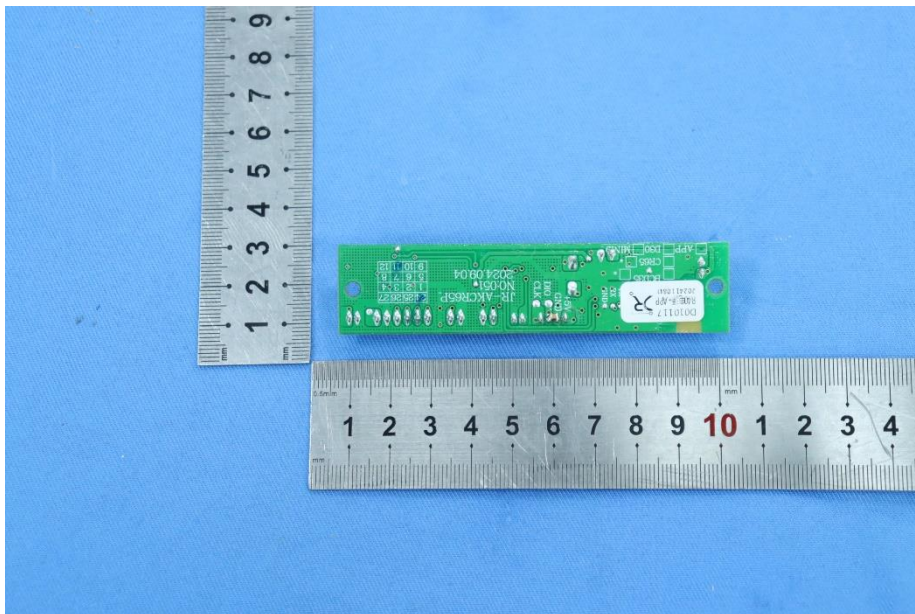
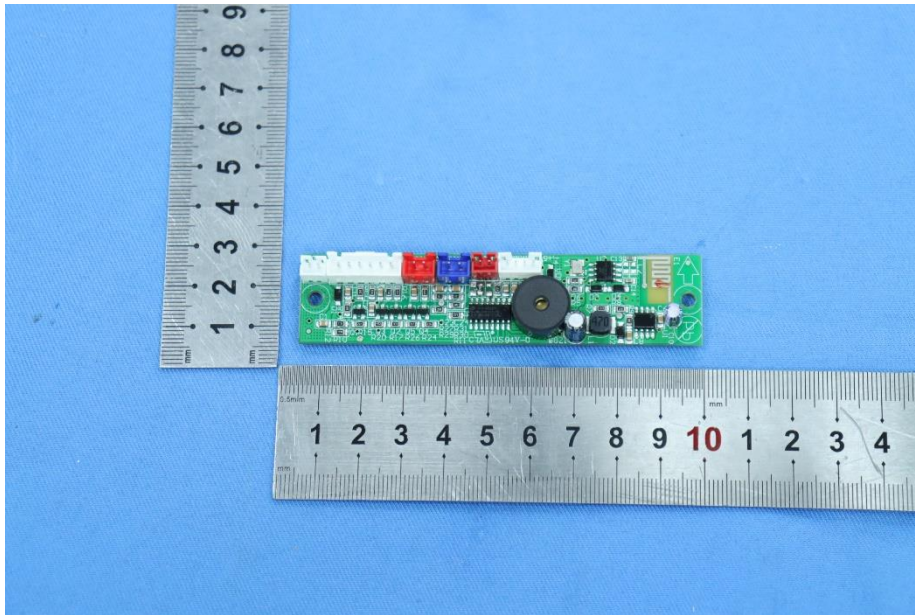


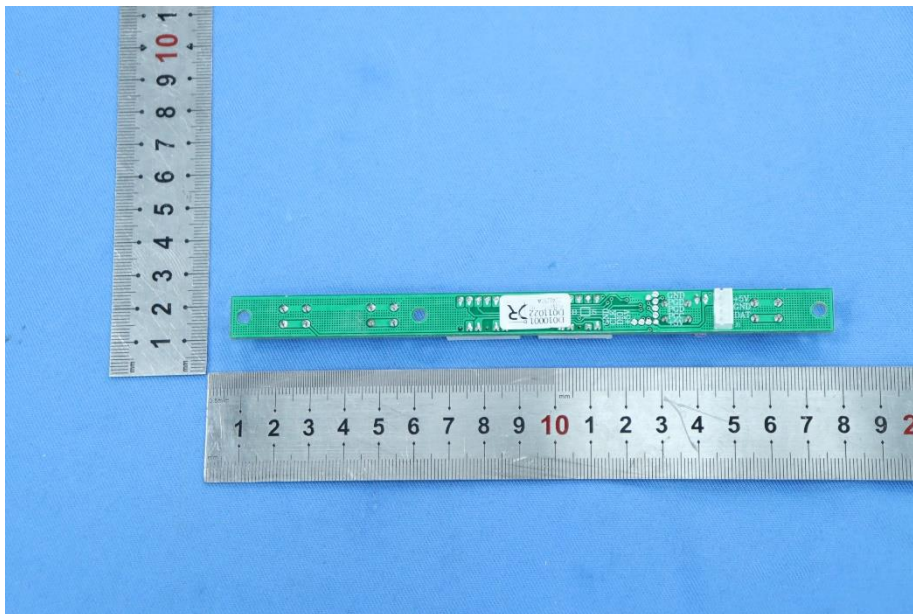
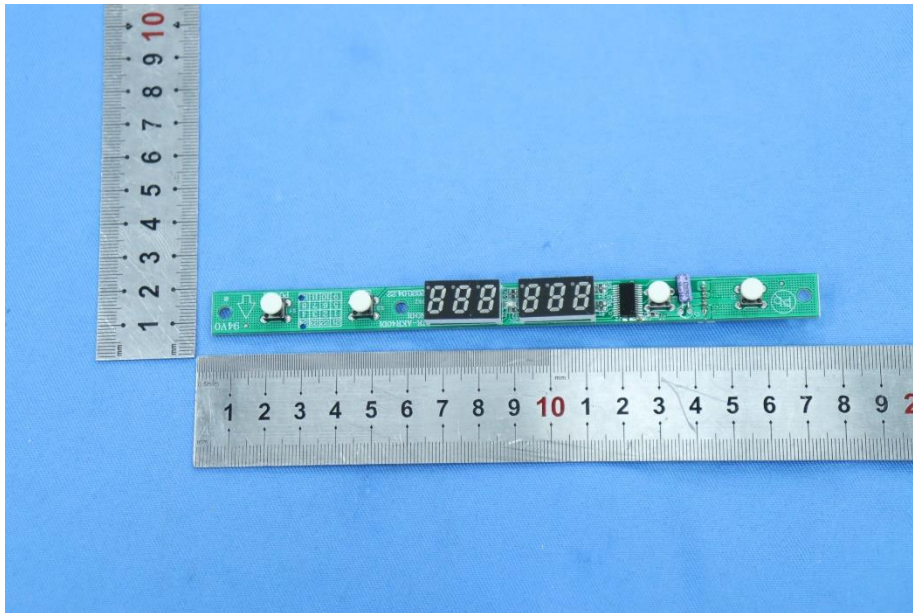
1#_CR50X (Compressor: ZH35Y; Power Board 3; Display Board 3; Switch Board 1; LED 1)









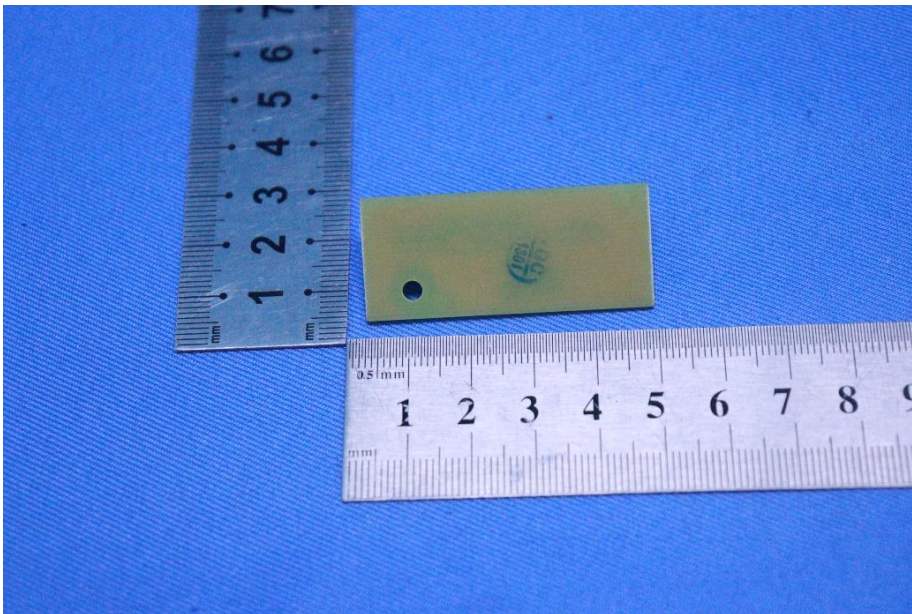
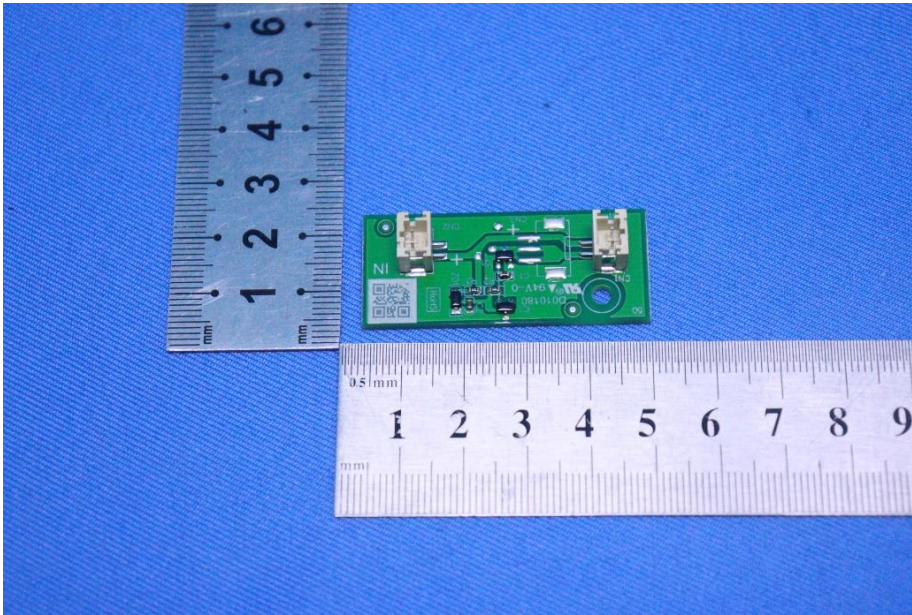


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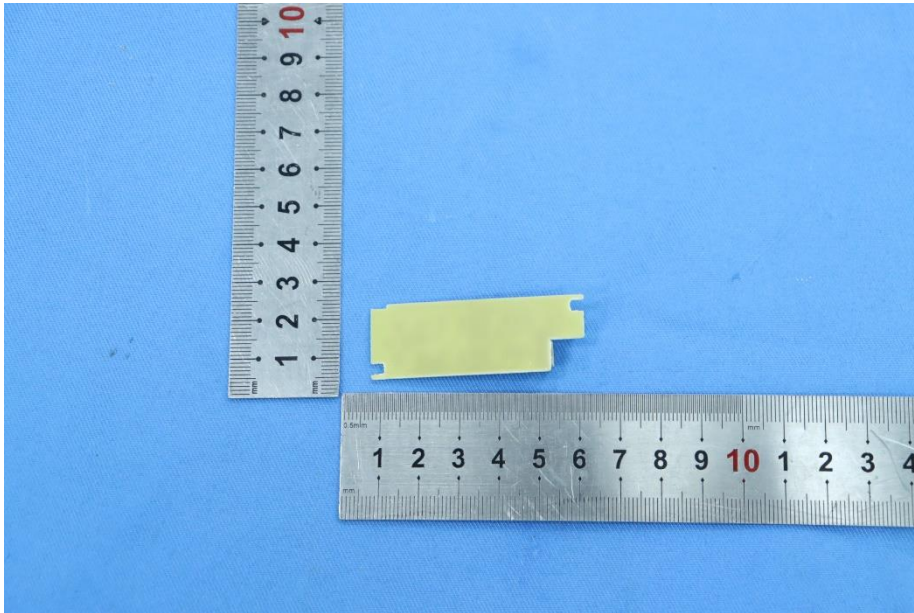
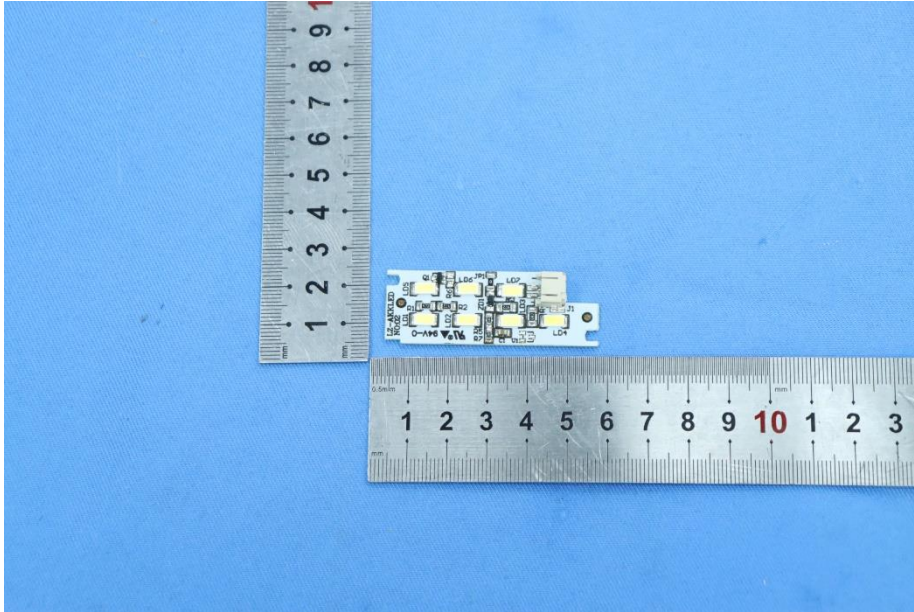


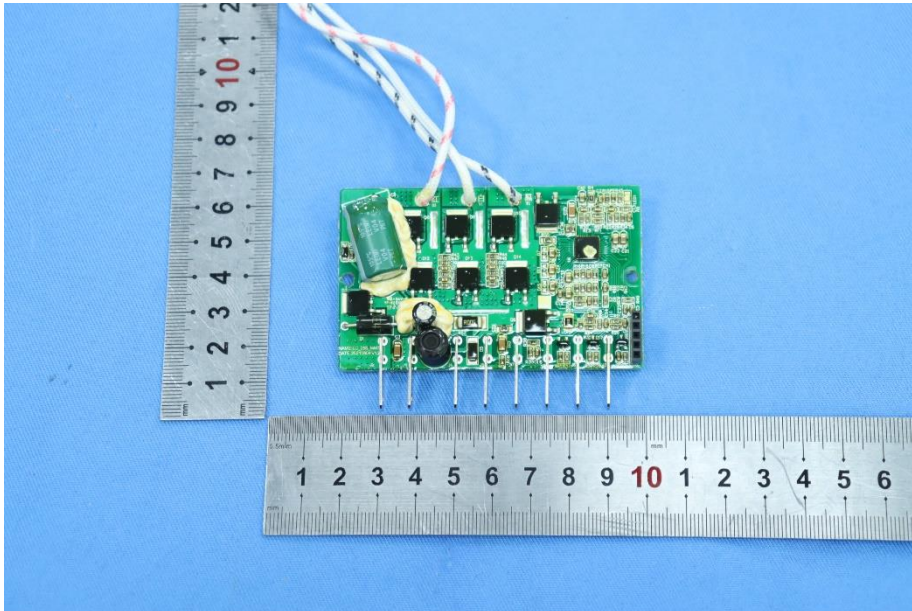
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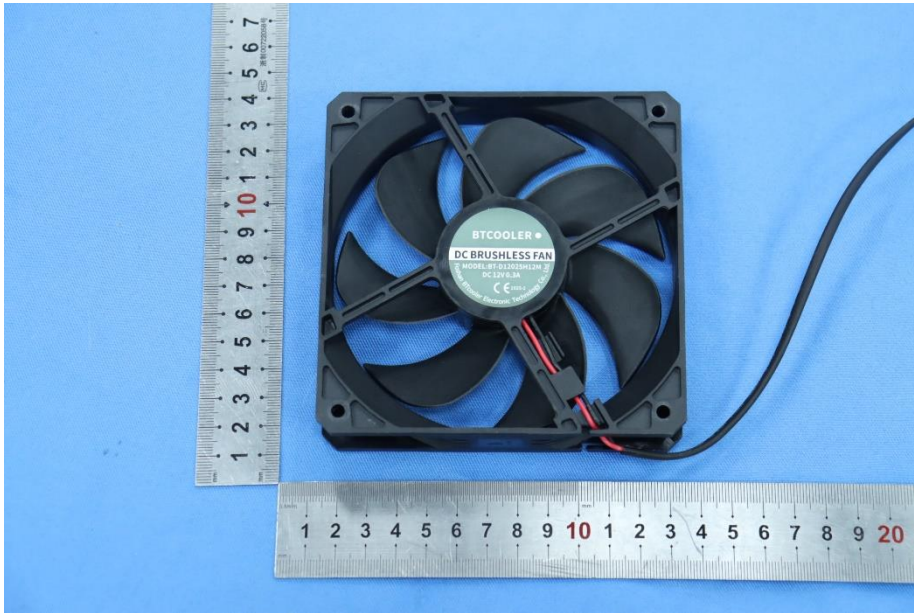
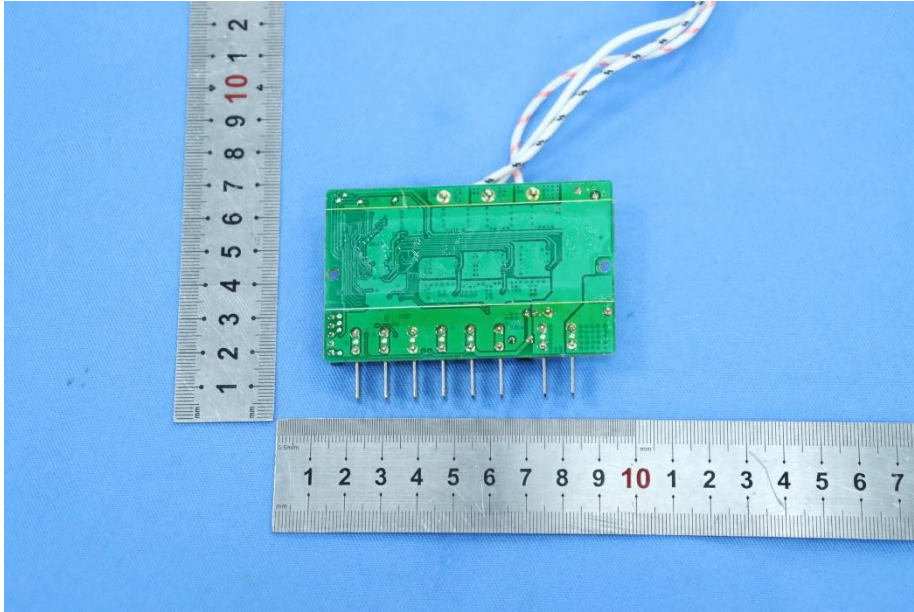
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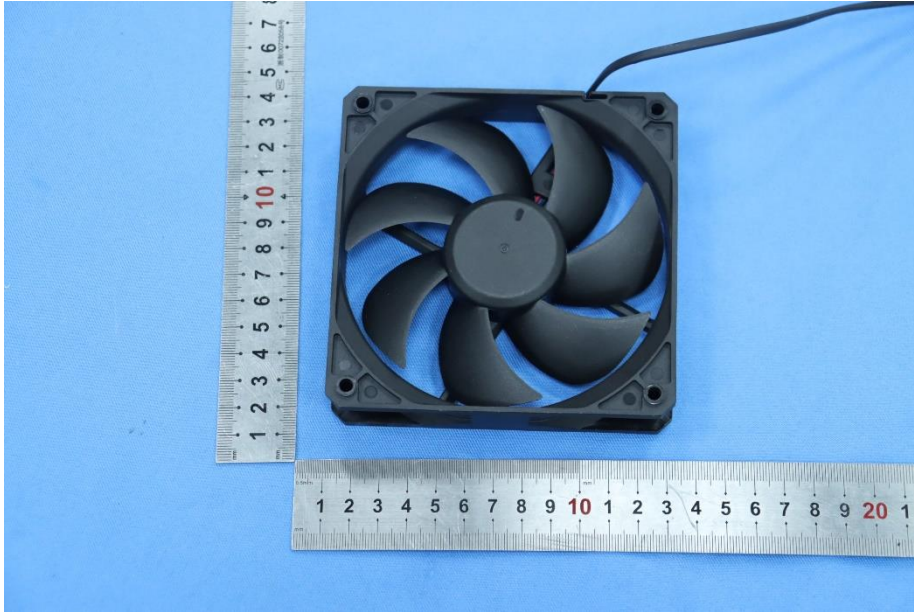
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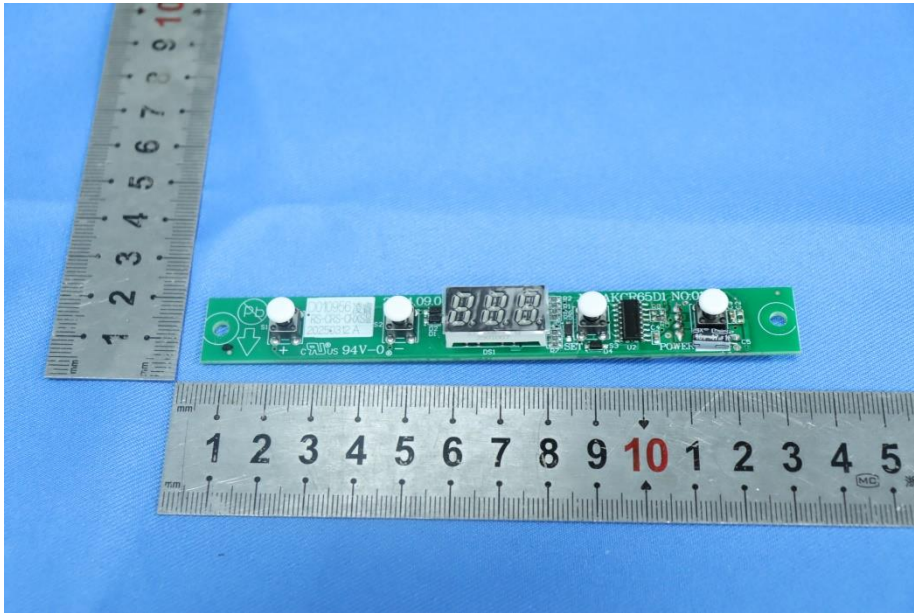


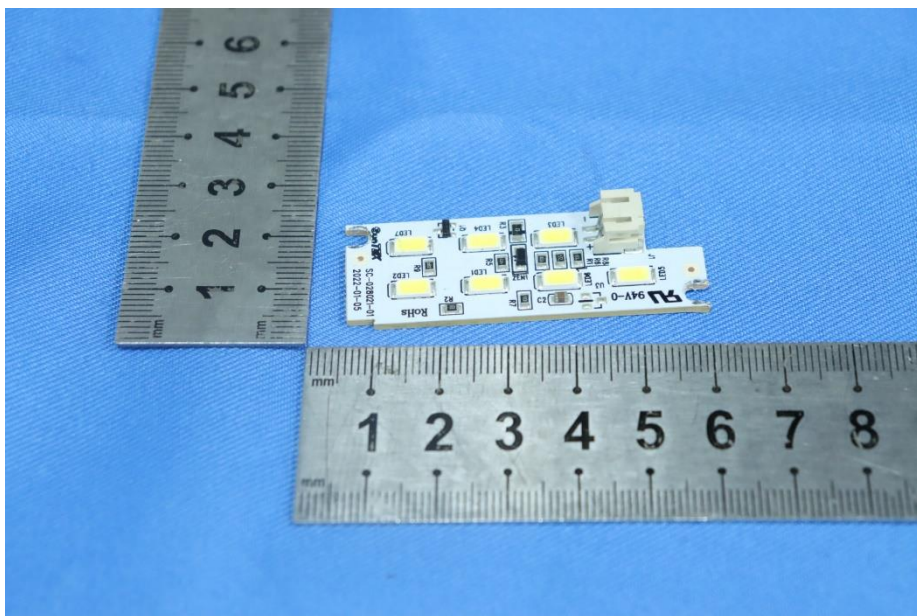
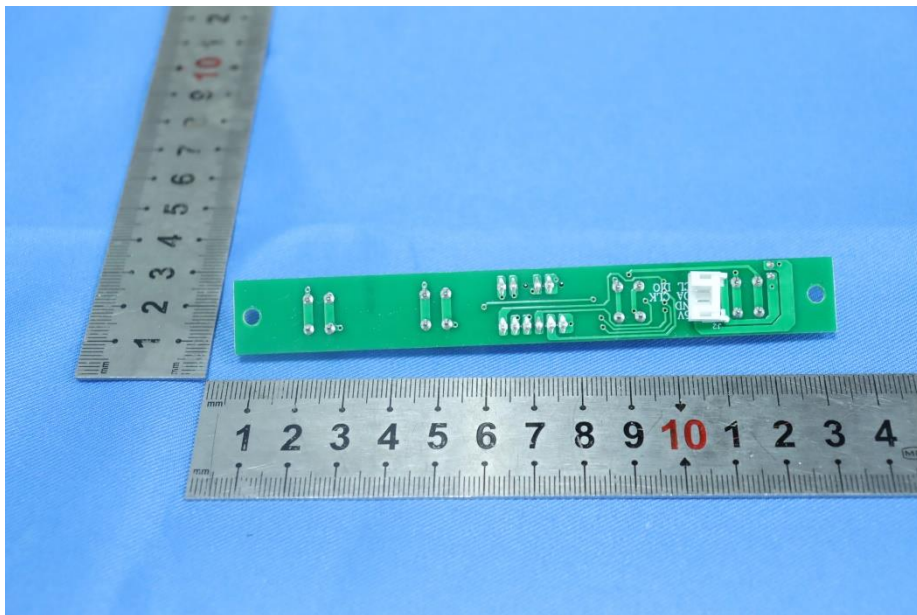


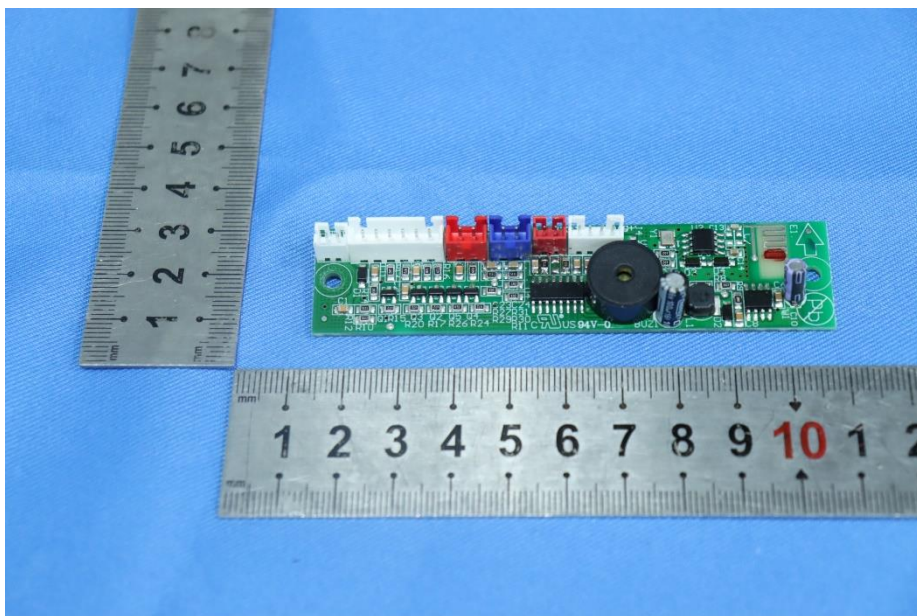
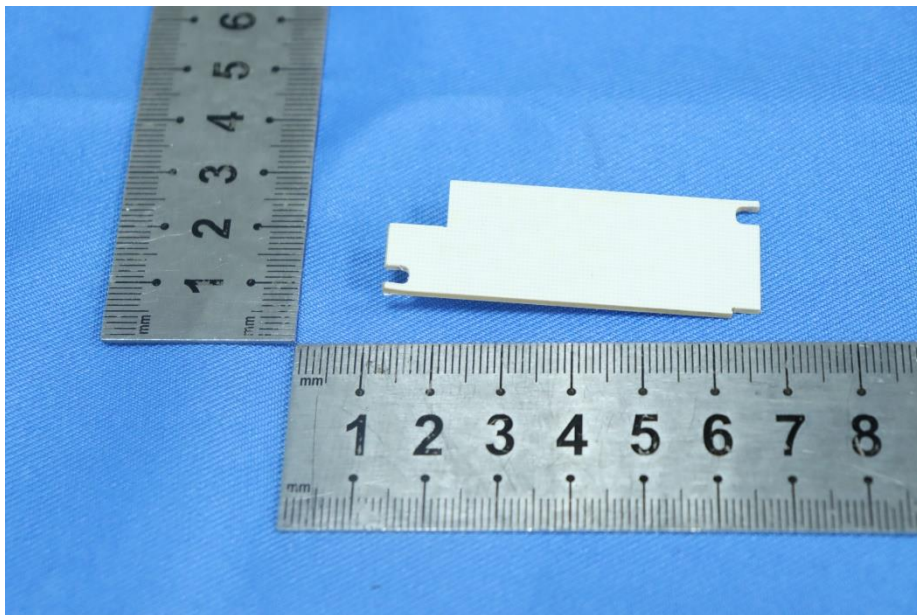
4#_CR90 (Compressor: BSA057NCVV; Power Board 5; Display Board 5; Switch Board 1; LED 1)

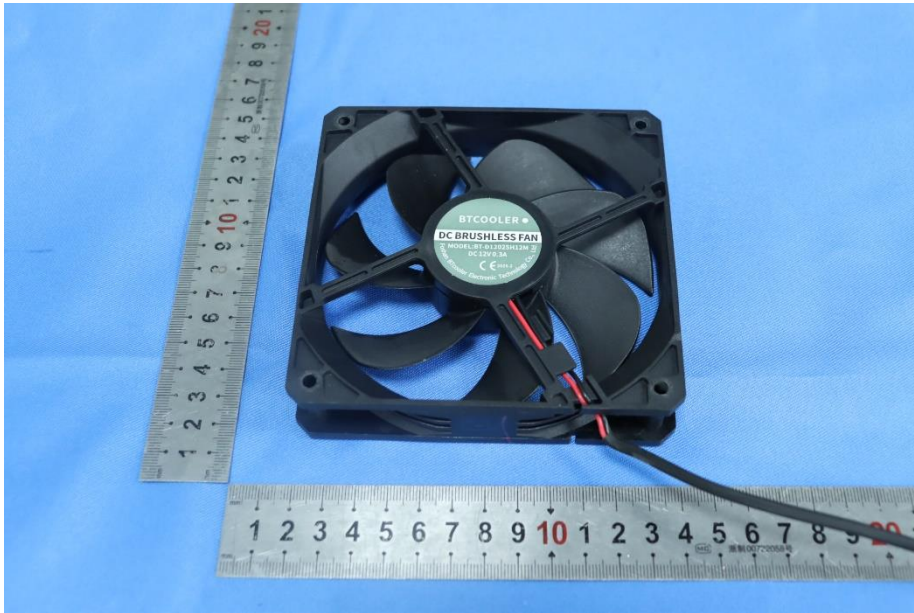
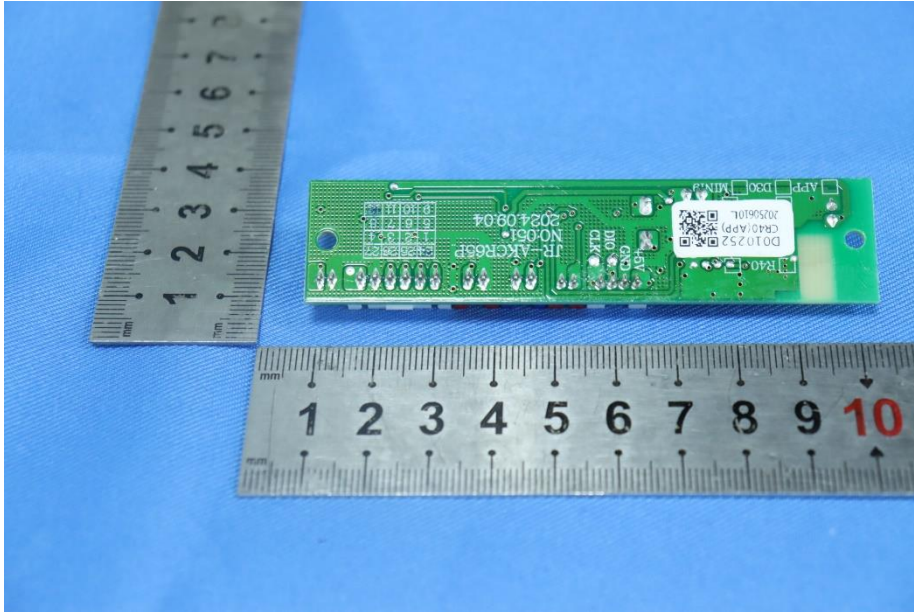


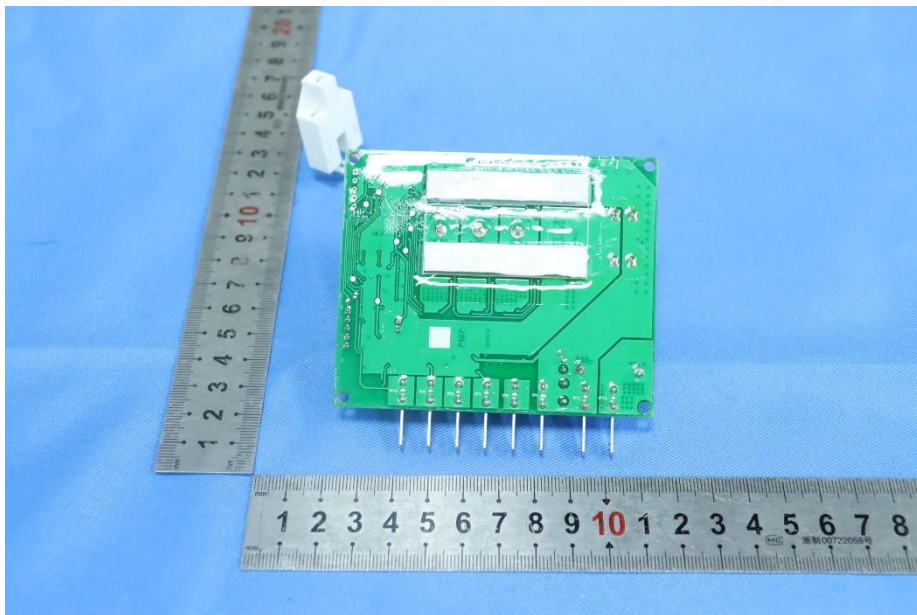


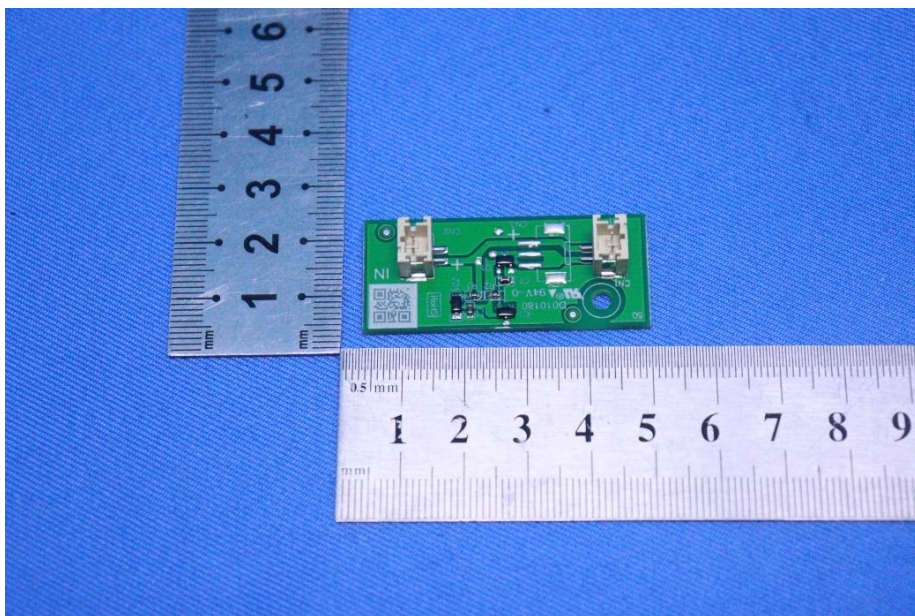
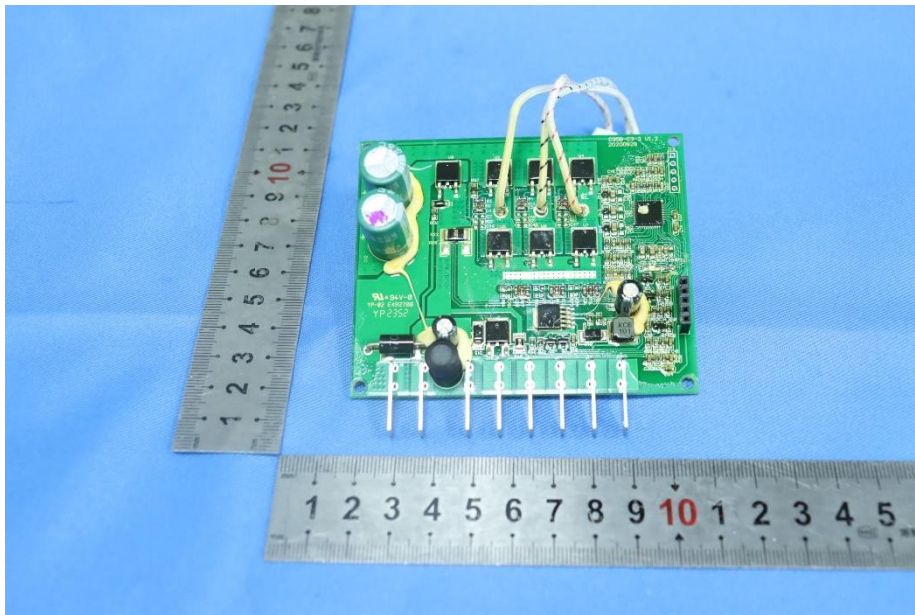


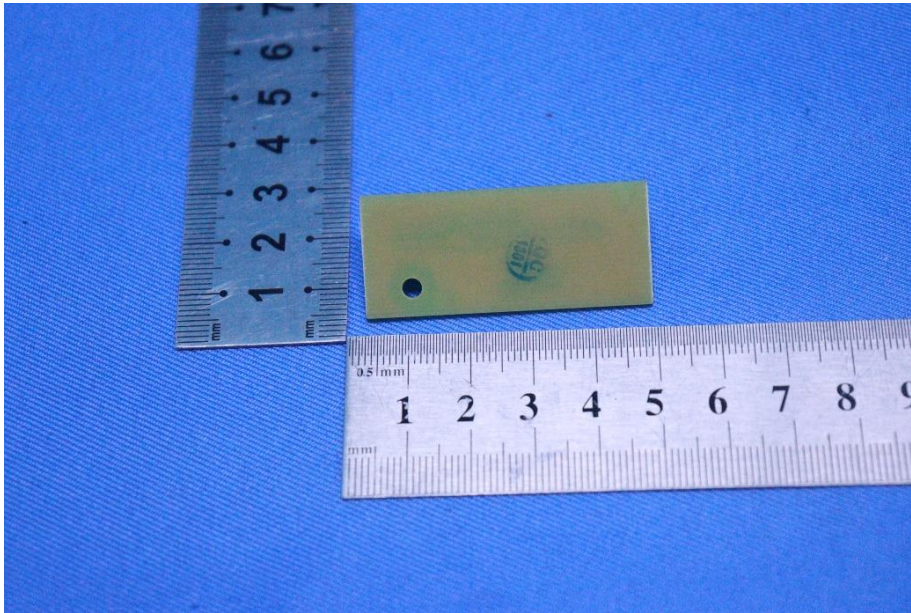












5#_CR90X (Compressor: ZH52Y; Power Board 4; Display Board 4; Switch Board 2; LED 1)



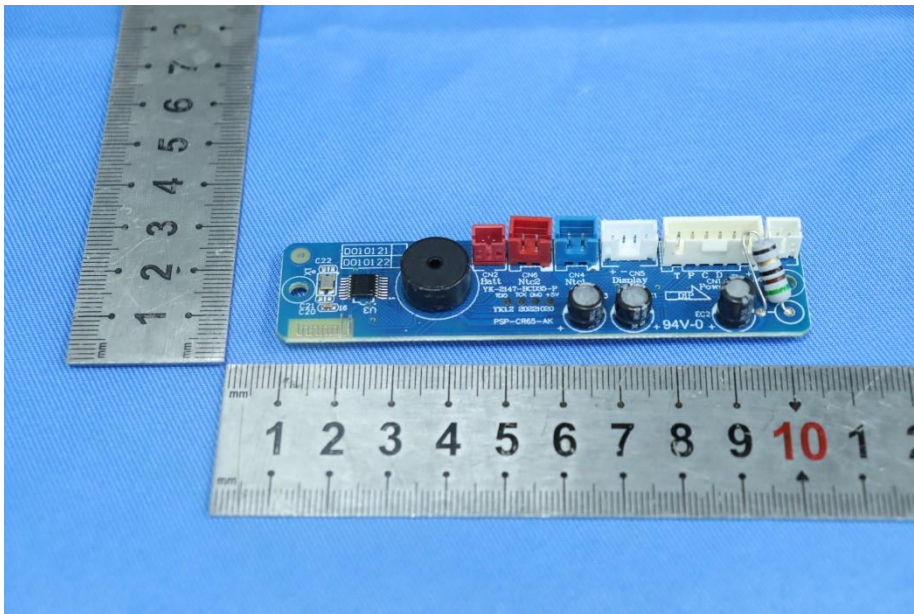


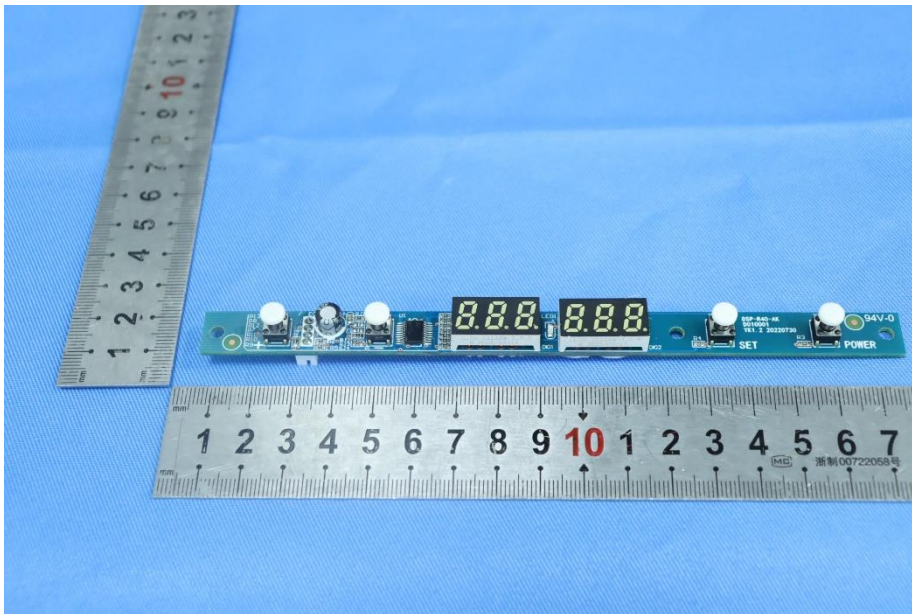
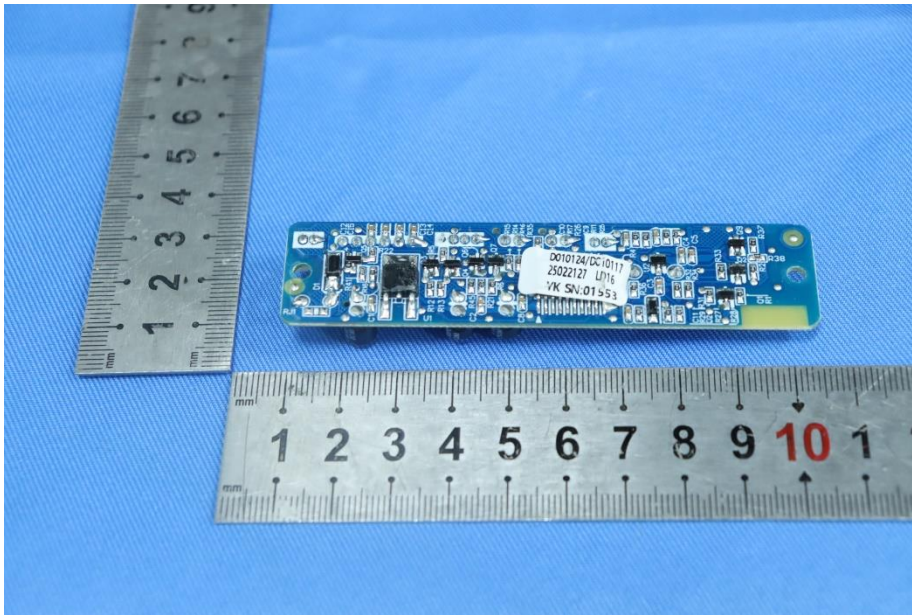
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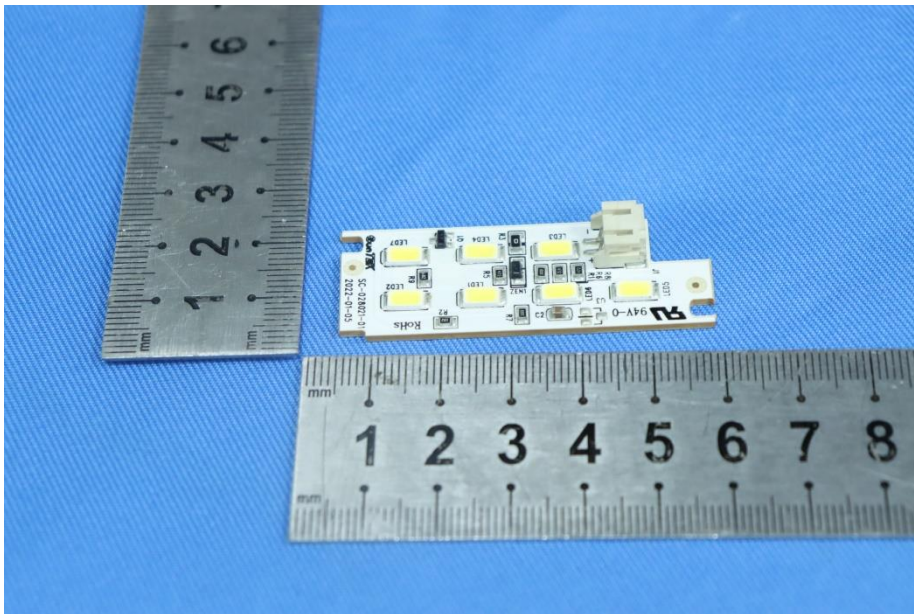
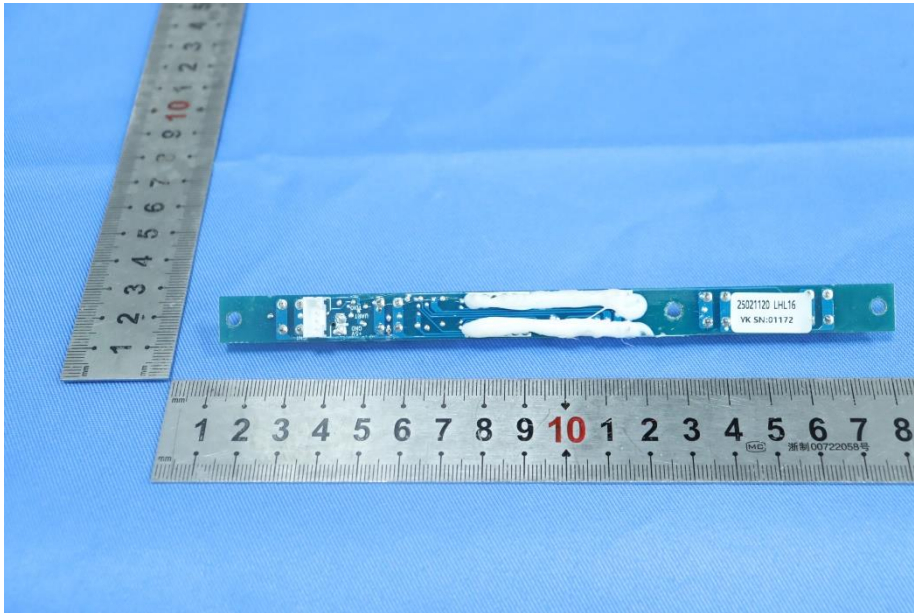
SZEMC-TRF-01 Rev. A/1

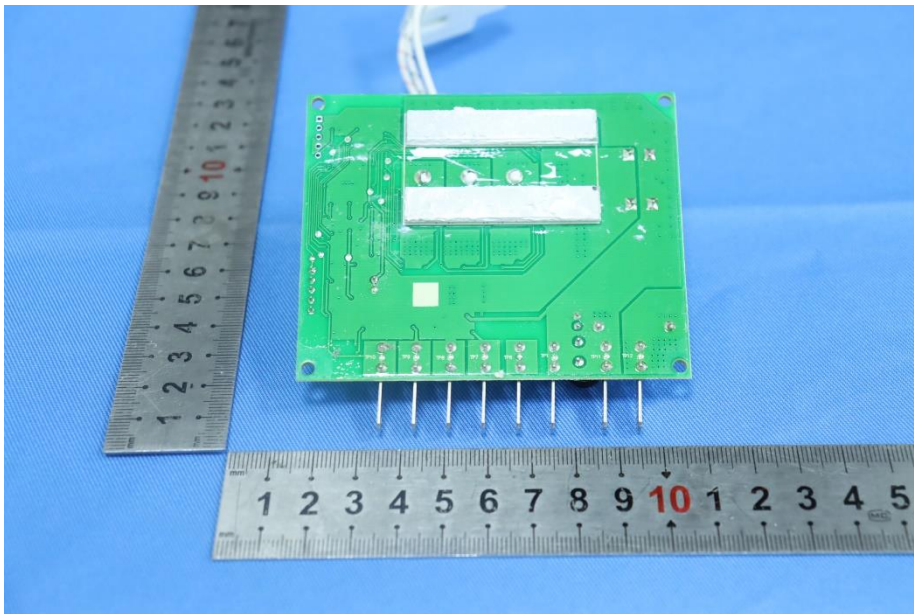
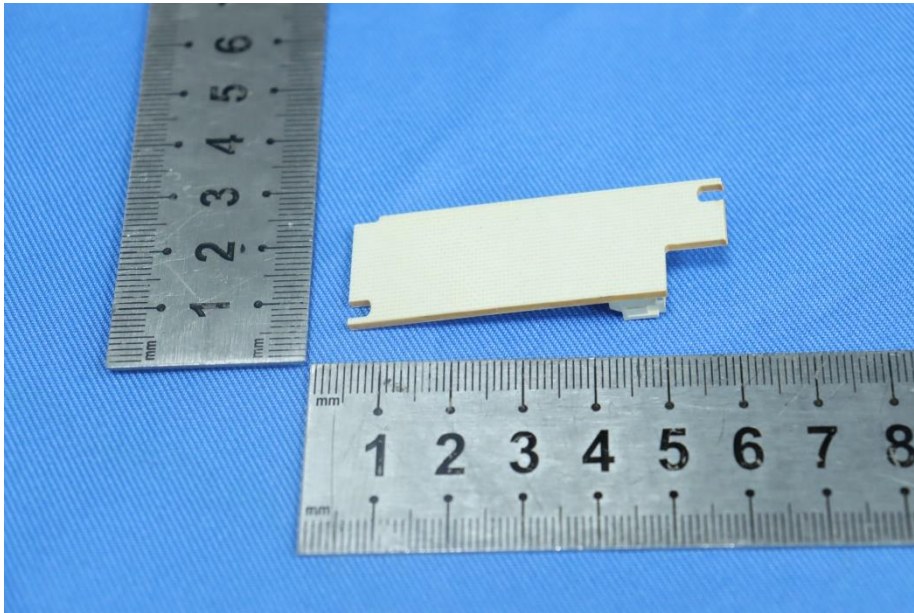
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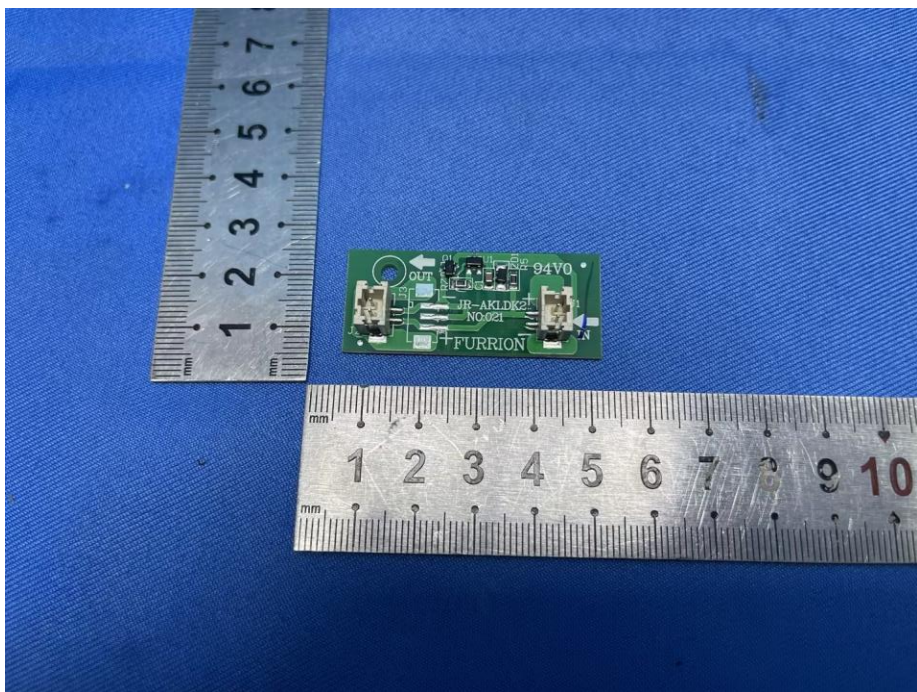
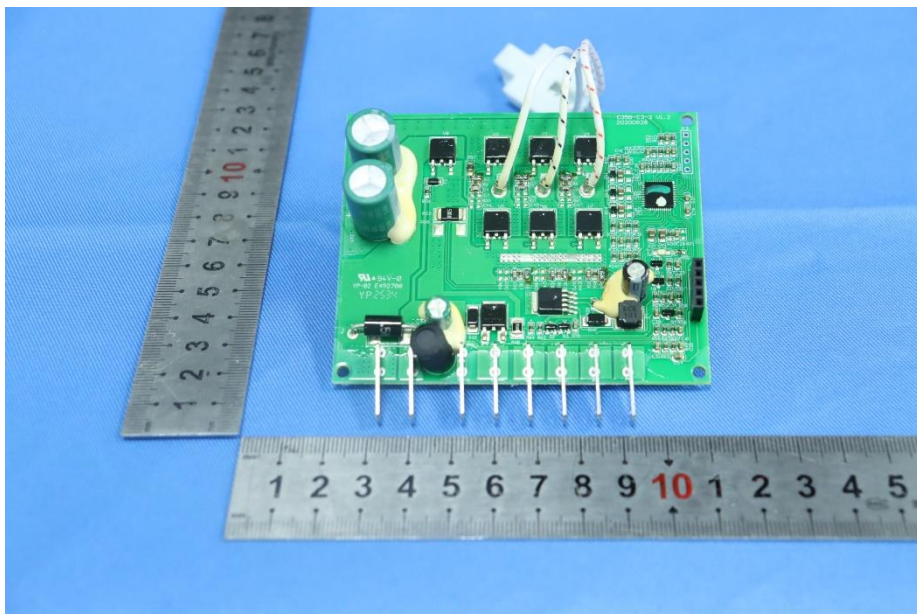
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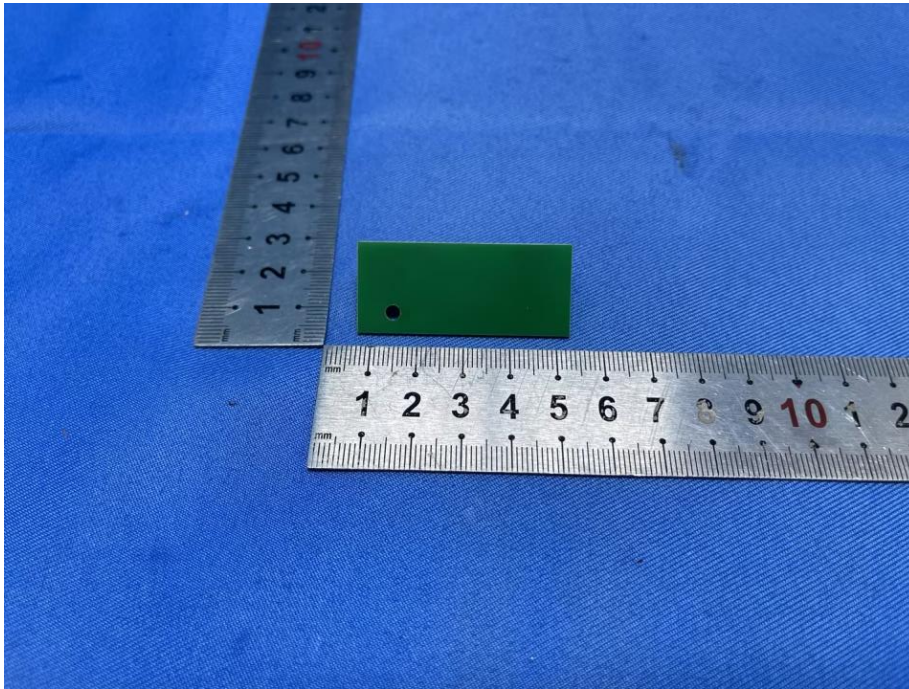


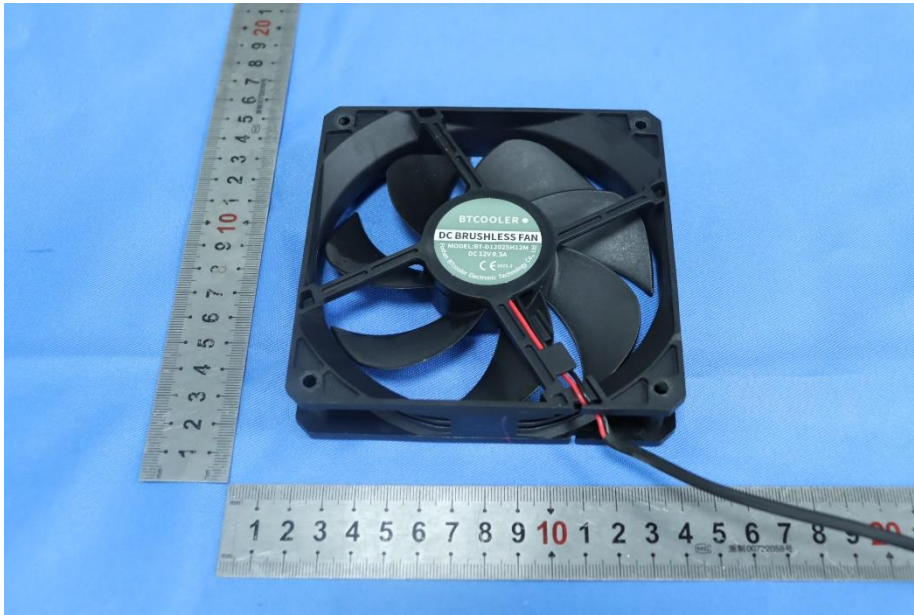












- End of the Report -